Application form: Works Approval / Licence / Renewal / Amendment / Registration

Part V Division 3, *Environmental Protection Act 1986*
Environmental Protection Regulations 1987

Part 1: Application type

INSTRUCTIONS:

- **Completion of this form is a statutory requirement under s.54(1)(a) of the *Environmental Protection Act 1986* (WA) (EP Act) for works approval applications; s.57(1)(a) for licence and licence renewal applications; s.59B(1)(a) for applications for an amendment; and under r.5B(2)(a) of the Environmental Protection Regulations 1987 (WA) (EP Regulations) for applications for registration of premises.**
- **The instructions set out in this application form are general in nature.**
- **A reference to 'you' in these instructions is a reference to the applicant.**
- **The information provided to you by the Department of Water and Environmental Regulation (DWER) in relation to making applications does not constitute legal advice. DWER recommends that you obtain independent legal advice.**
- **Applicants seeking further information relating to requirements under the EP Act and/or EP Regulations are directed to the Parliamentary Counsel's Office website (www.legislation.wa.gov.au). Schedule 1 of the EP Regulations contains the categories of prescribed premises.**
- **For prescribed premises where activities fall within more than one category, ALL applicable categories must be identified. This applies for existing prescribed premises seeking renewal or amendment, as well as new prescribed premises.**
- **The application form must be completed with all relevant information attached. Attachments can be combined and submitted as one or more consolidated documents if desired, provided it is clear which section of the application form the information / attachments relate to. Where attachments are submitted separately, avoid duplicating information. Ensure that any cross-references between the application form and the supporting document(s) are accurate.**
- **If an application form has been submitted which is incomplete or materially incorrect, the Chief Executive Officer of DWER (CEO) will decline to deal with the application and advise the applicant accordingly.**
- **On completing this application form, please submit it to DWER in line with the instructions in Part 15 of the form.**

1.1	**This is an application for:** *[Select one option only. Your application may be returned if multiple options are selected.]* under Part V, Division 3 of the EP Act. **Please see the:** • *Guideline: Industry Regulation Guide to Licensing* • *Procedure: Prescribed premises works approvals and licences* for more information to assist in understanding DWER's regulatory regime for prescribed premises.	☐ Works approval ☐ Licence Existing registration number(s): [ ] Existing works approval number(s): [ ] ☒ Renewal Existing licence number: [L7038/1997/13] ☐ Amendment Number of the existing licence or works approval to be amended: [ ] ☐ Registration (works approval already obtained) Existing works approval number(s): [ ]
1.2	**For a works approval amendment or licence amendment, are there less than 90 business days until the expiry of the existing works approval or licence?** Only active instruments can be amended. Applications to amend a works approval or licence must be made 90 business days or more prior to the existing works approval or licence expiring to ensure there is adequate time to assess the amendment.	**Yes** ☐
1.3	**This application is for the following categories of prescribed premises:** *(specify all prescribed premises category numbers)*	[Category 13: Crushing of building material. Category 62: Solid Waste depot; Category 63: Class I Inert landfill; Category 70: Screening of material]
		☒ All activities that meet the definition of a prescribed premises as set out in Schedule 1 of the EP Regulations have been specified above (tick, if yes).

Completion Matrix
The matrix below explains what sections are required to be completed for different types of applications.

Application form section	New application / registration	Renewal	Amendment
Part 1: Application type	•	•	•
Part 2: Applicant details	•	•	•
Part 3: Premises details	•	•	Δ
Part 4: Proposed activities	•	•	•
Part 5: Index of Biodiversity Surveys for Assessment and Index of Marine Surveys for Assessment	If required.	If required.	If required.
Part 6: Other DWER approvals	•	•	•
Part 7: Other approvals and consultation	•	•	•
Part 8: Applicant history	•	•	Δ
Part 9: Emissions, discharges, and waste	•	•	Δ
Part 10: Siting and location	•	•	Δ
Part 11: Submission of any other relevant information	•	•	If required.
Part 12: Category checklist(s)	•	•	•
Part 13: Proposed fee calculation	•	•	•
Part 14: Commercially sensitive or confidential information	•	•	•
Part 15: Submission of application	•	•	•
Part 16: Declaration and signature	•	•	•
Attachment 1A: Proof of occupier status	•	•	N/A
Attachment 1B: ASIC company extract	•	•	N/A
Attachment 1C: Authorisation to act as a representative of the occupier	•	•	•
Attachment 2: Premises map/s	•	•	Δ
Attachment 3A: Environmental commissioning plan	If required.	N/A	If required
Attachment 3B: Proposed activities	•	•	Δ
Attachment 3C: Map of area proposed to be cleared (only applicable if clearing is proposed)	•	•	•
Attachment 3D: Additional information for clearing assessment	If required.	If required.	If required.
Attachment 4: Marine surveys (only applicable if marine surveys included in application)	•	•	•
Attachment 5: Other approvals and consultation documentation	•	•	Δ
Attachment 6A: Emissions and discharges	If required.	If required.	If required.
Attachment 6B: Waste acceptance	If required.	If required.	If required.
Attachment 7: Siting and location	•	•	Δ
Attachment 8: Additional information submitted	If required.	If required.	If required.
Attachment 9: Category-specific checklist(s)	•	If required.	If required.
Attachment 10: Proposed fee calculation	•	•	•
Attachment 11: Request for exemption from publication	If required.	If required.	If required.

Key:

•	Must be completed / submitted.
Δ	To the extent changed / required in relation to the amendment.
N/A	Not required with application, but may be requested subsequently depending on DWER records.
"If required"	Sections for applicants to determine.

Part 2: Applicant details

INSTRUCTIONS:

- **The applicant (the occupier of the premises) must be an individual(s), a company, body corporate, or public authority, but not a partnership, trust, or joint-venture name. Applications made by or on behalf of business names or unincorporated associations will not be accepted.**
- **If applying as an individual, your full legal name must be provided.**
- **If applying as a company, body corporate, or public authority, the full legal entity name must be inserted.**
- **Australian Company Number's (ACN) must be provided for all companies or body corporates.**
- **DWER prefers to send all correspondence electronically via email. We request that you consent to receiving all correspondence relating to instruments and notices under Part V of the EP Act (Part V documents) electronically via email, by indicating your consent in Section 2.3.**
- **Companies or body corporates making an application must nominate an authorised representative from within their organisation. Proof of authorisation must be submitted with the application (see Section 2.10). If you are applying as an individual, you are the representative.**
- **Details of a contact person must be provided for DWER enquiries in relation to your application. This contact person can be a consultant if authorised to represent the applicant. Written evidence of this authorisation must be provided.**
- **Details of the occupier of the premises must be provided. One of the options must be selected and if you have been asked to specify, please provide details. For example, if 'lease holder' has been selected, please specify the type of lease (for example, pastoral lease, mining lease, or general lease) and provide a copy of the lease document(s). Note that contracts for sale of land will not be sufficient evidence of occupancy status.**

2.1	**Applicant name/s (full legal name/s):** The proposed holder of the works approval, licence or registration.	Brajkovich Landfill & Recycling Pty Ltd
	ACN (if applicable):	161 973 931
2.2	**Trading as (if applicable):**	Brajkovich Landfill & Recycling Pty Ltd
2.3	**Authorised representative details:** The person authorised to receive correspondence and Part V documents on behalf of the applicant under the EP Act. Where 'yes' is selected, all correspondence will be sent to you via email, to the email address provided in this section. Where 'no' has been selected, Part V documents will be posted to you in hard copy to the postal / business address specified in Section 2.4, below. Other general correspondence may still be sent to you via email.	Name [redacted] Position [redacted] Telephone [redacted] Email [redacted]
		I consent to all written correspondence between myself (the applicant) and DWER, regarding the subject of this application, being exclusively via email, using the email address I have provided above. — Yes: ☒ No: ☐
2.4	**Registered office address, as registered with the Australian Securities and Investments Commission (ASIC):** This must be a physical address to which a Part V document may be delivered.	Suite 3, 24 Walters Drive Osborne Park WA 6017

Part 2: Applicant details			
2.5	**Postal address for all other correspondence:** If different from Section 2.4.	281 Newcastle Street Northbridge WA 6003	
2.6	**Contact person details for DWER enquiries relating to the application (if different from the authorised representative):** For example, could be a consultant or a site-based employee.	Name Position Organisation Address Telephone Email	[redacted]
2.7	**Occupier status:** Occupier is defined in s.3 of the EP Act and includes a person in occupation or control of the premises, or occupying a different part of the premises whether or not that person is the owner. Note: if a lease holder, the applicant must be the holder of an executed lease, not just an agreement to lease.	Registered proprietor on certificate of title. Lease holder (please specify, including date of expiry of lease). Public authority that has care, control, or management of the land. Other evidence of legal occupation or control (please specify – for example, joint venture operating entity, contract, letter of operational control, or other legal document or evidence of legal occupation). The tenement holder shares a director with the applicant company.	☐ ☐ ☐ ☒

Attachments			N/A	Yes
2.8	**Attachment 1A: Proof of occupier status**	Copies of certificate of title, lease, or other instruments evidencing proof of occupier status, including the expiry date or confirmation that there is no expiry date, have been provided and labelled as Attachment 1A.	☐	☒
2.9	**Attachment 1B: ASIC company extract**	A current company information extract (not the company information summary) purchased from the ASIC website(s) for all new applications / registrations has been provided and labelled as Attachment 1B.	☐	☒
2.10	**Attachment 1C: Authorisation to act as representative of the occupier**	A copy of the documentation authorising the applicant to act on the occupier's behalf as their authorised agent/representative has been provided and labelled as Attachment 1C.	☐	☒

Part 3: Premises details

3.1	**Premises description (whole or part to be specified):** Include the land description (volume and folio number, lot, or location number/s); Crown lease or reserve number; pastoral lease number; or mining tenement number (as appropriate), of all properties, as shown on title details registered with Landgate.	Part of Lot 11533 on Plan 217813 Certificate of Title Volume LR3096 Folio 207
	Premises street address Include the suburb.	220 Hester Avenue Neerabup WA 6031
	Premises name (if applicable):	Quinns Quarry
3.2	**Local Government Authority area:** City, Town, or Shire.	City of Wanneroo
3.3	**GPS (latitude and longitude) coordinates:** GPS coordinates determined using the GDA 2020 (Geographic latitude / longitude) coordinate system and datum must be provided for all points around the proposed premises boundary, where the entirety of the cadastre (land parcel) or mining tenements are not used as the premises boundary.	

	Easting	Northing		Easting	Northing
1	380459.283	6495083.619	18	380024.912	6494954.841
2	380409.319	6494816.805	19	380030.930	6494943.149
3	380359.353	6494549.992	20	380048.072	6494914.991
4	380365.705	6494130.231	21	380076.313	6494851.879
5	380238.457	6494128.301	22	380090.739	6494846.680
6	380232.315	6494154.903	23	380106.790	6494843.904
7	380200.519	6494292.598	24	380113.265	6494844.304
8	380127.255	6494536.178	25	380122.262	6494852.290
9	380053.990	6494779.757	26	380125.735	6494856.966
10	379965.208	6495017.218	27	380135.721	6494877.052
11	379954.518	6495075.197	28	380138.215	6494890.850
12	380025.803	6494982.721	29	380132.517	6494900.180
13	380030.923	6494966.692	30	380132.375	6494935.064
14	380030.923	6494966.692	31	380139.926	6495013.940
15	380030.923	6494966.692	32	380139.926	6495013.940
16	380030.923	6494966.692	33	380220.646	6495037.691
17	380030.923	6494966.692	34	380272.603	6495095.133

Part 3: Premises details				
Attachments			**N/A**	**Yes**
3.4	**Attachment 2: Premises map(s)**	You must provide as an attachment to this application form, labelled Attachment 2, either: 1. an aerial photograph, map, and site plan of sufficient scale showing the proposed prescribed premises boundary *or* 2. where available, a map of the proposed premises boundary and site plan as an ESRI shapefile (accepted file types include .dbf, .shp, .prj, and .shx) with the following properties (provided on a suitable portable digital storage device, if submitting application in hard copy form): • Geometry type: Polygon Shape • Coordinate system: GDA 2020 (Geographic latitude / longitude) • Datum: GDA 2020 (Geocentric Datum of Australia 2020). You must also provide a map or maps of the prescribed premises, clearly identifying and labelling: • layout of key infrastructure and buildings, clearly labelled; • the premises boundary (where the premises boundary does not align with the entirety of the cadastral boundary, identify the Lot Number for which the premises is part of); • emission and discharge points (with precise GPS coordinates where available); • monitoring points (with precise GPS coordinates where available); • sensitive receptors and land uses • all areas proposed to be cleared (if applicable). Maps must contain a north arrow, clearly marking the area in which the activities are carried out. The map or maps must be of reasonable clarity and have a visible scale.	☐	☒

Part 4: Proposed activities

INSTRUCTIONS:

- **You must provide a description and the scope, size and scale of all prescribed activities of Schedule 1 to the EP Regulations including the maximum production or design capacity of each prescribed activity.**
- **If applying for a works approval or licence amendment involving the construction of new infrastructure, you must provide information on infrastructure to be constructed and how long construction is expected to take. You must confirm if commissioning is to occur and how long it will take.**
- **If applying for a works approval or licence amendment *not* involving the construction of new infrastructure, provide details of the proposed amendment.**
- **You must identify all emission sources on the premises map/s.**
- **You must also provide information on activities which directly relate to the prescribed premises category which have, or are likely to result in, an emission or discharge.**
- **If clearing activities are proposed provide a description and details. If a relevant exemption under Schedule 6 of the EP Act or r.5 of the Environmental Protection (Clearing of Native Vegetation) Regulations 2004 (WA) (Clearing Regulations) may apply, provide details.**
- **Note that in some cases, DWER may require that the clearing components of a works approval or licence (or amendment) application be submitted separately through the clearing permit application process. Refer to the *Procedure: Prescribed premises works approvals and licences* for further guidance.**
- **Please note that the requested information is critical to DWER's understanding of the proposed activities. The more accurate, specific, and complete the information provided in the application, the less uncertainty that DWER may identify in the application, therefore facilitating completion of the assessment in a more efficient and timely manner.**

4.1 **Prescribed premises infrastructure and equipment**

In Table 4.1 (below), provide a list of all items of infrastructure and equipment within the boundary of the prescribed premises relevant to this application, and include the following details for each:

- **relevant categories (if known)** – the categories of prescribed premises (as listed under Schedule 1 of the EP Regulations) that relate to that infrastructure or equipment;
- **site plan reference** – the location of that infrastructure or equipment (with reference to the site plan map or maps provided above in Section 3.4 and labelled as Attachment 2 – e.g. use GPS coordinates or a clear description such as *"labelled as [label on premises map] on Map A"*);
- **is it critical containment infrastructure (CCI)?** – indicate if the identified infrastructure or equipment would be categorised as CCI. Refer to the *Guideline: Industry Regulation Guide to Licensing* for further information on CCI; and
- **is environmental commissioning required?** – indicate if environmental commissioning is intended to be undertaken for that item of infrastructure or equipment. Refer to the *Guideline: Industry Regulation Guide to Licensing* for further information on environmental commissioning.

Add additional rows to Table 4.1 (below) as required.

Table 4.1: Infrastructure and equipment

	Infrastructure and equipment	Relevant categories (if known)	Site plan reference	CCI? (mark if yes)	Environmental commissioning? (mark if yes)
1.	Landfill Compactor	63		☐	☐
2.	Front Loader (x2)	13/62/63/70		☐	☐
3.	Excavator	62/63		☐	☐
4.	Water trucks	62/63		☐	☐
5.	300mm Grizzly screen	70		☐	☐
6.	Terex Finlay Jaw Crusher	13		☐	☐
7.	Screening Plant	70		☐	☐
8.	Abstraction Bore	13/62/63/70		☐	☐
9.	Fire water storage tank and distribution system	13/62/63/70		☐	☐
10.	Green Waste Storage Pad			☐	☐
11.	Designated Quarantine Storage Area				
12.	Fencing and Security Gates				
13.	Stockpile height markers				

Part 4: Proposed activities		
4.2	**Detailed description of proposed activities or proposed changes (if an amendment):** You must provide details of proposed activities relevant to this application within the boundary of the prescribed premises, identifying: • scope, size, and scale of the project, including details as to production or design capacity (and/or frequency, if applicable); • key infrastructure and equipment; • description of processes or operations (a process flow chart may be included as an attachment); • emission / discharge points; • locations of waste storage or disposal • activities occurring during construction, environmental commissioning, and operation (if applicable). If assessment and imposition of conditions to allow environmental commissioning to be undertaken are requested, please provide an environmental commissioning plan as Attachment 3A (see 4.11 below). Additional information relating to the proposed activities may be included in Attachment 3B (see 4.12 below).	
	Construction activities (if applicable):	
	N/A	
	Environmental commissioning activities (if applicable): Refer to the *Guideline: Industry Regulation Guide to Licensing* for further guidance.	
	N/A	
	Time limited operations activities (if applicable): Different elements of the premises may require time limited operations to commence at different times. In these circumstances, please specify the infrastructure and/or equipment for which time limited operations authorisation is being applied for. If time limited operations are expected to differ from future licensed operations, specify how and why this would be the case. Refer to the *Guideline: Industry Regulation Guide to Licensing* for further guidance.	
	N/A	
	Operations activities (for a licence):	
	Activities are to be in accordance with the current licence conditions	
4.3	**Estimated operating period of the project / premises (e.g. based on estimated infrastructure life):**	10 years
4.4	**Proposed date(s) for commencement of works (if applicable):**	N/A
4.5	**Proposed date(s) for conclusion of works construction (if applicable):** This date should coincide with the submission to DWER of an Environmental Compliance Report(s) and/or a Critical Containment Infrastructure Report(s) as required. Refer to the *Guideline: Industry Regulation Guide to Licensing*.	N/A
4.6	**Proposed date(s) for environmental commissioning of works (if applicable):** Refer to the *Guideline: Industry Regulation Guide to Licensing*.	N/A
4.7	**Proposed date/s for commencement of time limited operations under works approval (if applicable):** Refer to the *Guideline: Industry Regulation Guide to Licensing*.	N/A

Part 4: Proposed activities				
4.8	**Maximum production or design capacity for each category applied for (based on infrastructure operating 24 hours a day, 7 days a week):** Provide figures for all categories listed in Section 1.2. Units of measurement must be the same as the units of measurement associated with the relevant category as identified in Schedule 1 of the EP Regulations.		Category 13: 200,000 tonnes per annual period Category 62: 100,000 tonnes per annual period Category 63: 500,000 tonnes per annual period Category 70: 50,000 tonnes per annual period	
4.9	**Estimated / actual throughput for each category applied for:** Provide figures for all categories listed in Section 1.2. Units of measurement must be the same as the units of measurement associated with the relevant category as identified in Schedule 1 of the EP Regulations.		Category 13: 200,000 tonnes per annual period Category 62: 100,000 tonnes per annual period Category 63: 500,000 tonnes per annual period Category 70: 50,000 tonnes per annual period	
Attachments				**N/A** / **Yes**
4.10	**Attachment 2: Premises map**	Emission/discharge points are clearly labelled on the map/s required for Part 3.4 (Attachment 2).		☒ / ☐
4.11	**Attachment 3A: Environmental commissioning plan**	If applying to construct works or install equipment, and environmental commissioning of the works or equipment is planned, an environmental commissioning plan has been included in Attachment 3A. The environmental commissioning plan is expected to include, at minimum, identification of: • the sequence of commissioning activities to be undertaken, including details on whether they will be done in stages; • a summary of the timeframes associated with the identified sequence of commissioning activities; • the inputs and outputs that will be used in the commissioning process; • the emissions and/or discharges expected to occur during commissioning; • the emissions and/or discharges that will be monitored and/or confirmed to establish or test a steady-state operation (e.g. identifying emissions surrogates, etc.), including a detailed emissions monitoring program for the measurement of those emissions and/or discharges; • the controls (including management actions) that will be put in place to address the expected emissions and/or discharges; • any contingency plans for if emissions exceedances or unplanned emissions and/or discharges occur • how any of the above would differ from standard operations once commissioning is complete. Note that DWER will not include conditions on a granted instrument that authorise environmental commissioning activities where it is not satisfied that the risks associated with environmental commissioning can be adequately addressed.		☒ / ☐
4.12	**Attachment 3B: Proposed activities**	Additional information relating to the proposed activities has been included in Attachment 3B (if required).		☒ / ☐
Clearing activities 4.13 to 4.19 are only required if the application includes clearing of native vegetation.				
4.13	**Proposed clearing area (hectares and/or number of individual trees to be removed):**		N/A	

Part 4: Proposed activities		
4.14	**Details of any relevant exemptions:** Refer to DWER's *A guide to the exemptions and regulations for clearing native vegetation*.	N/A
4.15	**Proposed method of clearing:**	N/A
4.16	**Period within which clearing is proposed to be undertaken:** For example, May 2020 – June 2020.	N/A
4.17	**Purpose of clearing:**	
	N/A	

Clearing activities – Attachments			N/A	Yes
4.18	**Attachment 3C: Map of area proposed to be cleared**	You must provide: an aerial photograph or map of sufficient scale showing the proposed clearing area and prescribed premises boundary *OR* if you have the facilities, a suitable portable digital storage device of the area proposed to be cleared as an ESRI shapefile with the following properties: • Geometry type: Polygon Shape • Coordinate system: GDA 2020 (Geographic latitude / longitude) • Datum: 2020 1994 (Geocentric Datum of Australia 2020).	☒	☐
4.19	**Attachment 3D: Additional information for clearing assessment**	Additional information to assist in the assessment of the clearing proposal may be attached to this application (for example, reports on salinity, fauna or flora studies or other environmental reports conducted for the site).	☒	☐

Part 5: Index of Biodiversity and Marine Surveys for Assessments (IBSA and IMSA)

INSTRUCTIONS:

- **Biodiversity surveys should be submitted through the IBSA Submissions Portal at ibsasubmissions.dwer.wa.gov.au**
- **Biodiversity surveys submitted to support this application must meet the requirements of the EPA's *Instructions for the preparation of data packages for the Index of Biodiversity Surveys for Assessments (IBSA).***
- **Marine surveys submitted to support this application must meet the requirements of the EPA's Instructions for the preparation of data packages for the Index of Marine Surveys for Assessments (IMSA).**
- **If these requirements are not met, DWER will decline to deal with the application.**

Attachments				N/A	Yes
5.1	**Biodiversity surveys** Please provide the IBSA number(s) (or submission number(s) if IBSA number has not yet been issued) in the space provided. Note that a submission number is not confirmation of acceptance of a biodiversity survey and is not the same as an IBSA number. IBSA numbers are only issued once a survey has been accepted. Once an IBSA number is issued, please notify the department.	All biodiversity surveys submitted with this application meet the requirements of the EPA's *Instructions for the preparation of data packages for the Index of Biodiversity Surveys for Assessments (IBSA)*.		☒	☐
		Submission number(s)			
		IBSA number(s)			

Part 5: Index of Biodiversity and Marine Surveys for Assessments (IBSA and IMSA)				
INSTRUCTIONS: • **Biodiversity surveys should be submitted through the IBSA Submissions Portal at ibsasubmissions.dwer.wa.gov.au** • **Biodiversity surveys submitted to support this application must meet the requirements of the EPA's *Instructions for the preparation of data packages for the Index of Biodiversity Surveys for Assessments (IBSA).*** • **Marine surveys submitted to support this application must meet the requirements of the EPA's Instructions for the preparation of data packages for the Index of Marine Surveys for Assessments (IMSA).** • **If these requirements are not met, DWER will decline to deal with the application.**				
5.2	**Attachment 4:** **Marine surveys**	All marine surveys submitted with this application meet the requirements of the EPA's *Instructions for the preparation of data packages for the Index of Marine Surveys for Assessments (IMSA)*.	☒	☐

Part 6: Other DWER approvals

INSTRUCTIONS:

- **If you have applied, or intend to apply, for other approvals within DWER that may be relevant to this application, you must provide relevant details.**
- **If you have referred, or intend to refer, your proposal to the Environmental Protection Authority (EPA), you must provide the requested details.**

Pre-application scoping

6.1	**Have you had any pre-application / pre-referral / scoping meetings with DWER regarding any planned applications?**	☒ No ☐ Yes – provide details:

Environmental impact assessment (Part IV of the EP Act)

6.2	**Have you referred or do you intend to refer the proposal to the EPA?** Section 37B(1) of the EP Act defines a 'significant proposal' as *"a proposal likely, if implemented, to have a significant effect on the environment"*. If DWER considers that the proposal in this application is likely to constitute a 'significant proposal', DWER is required under s.38(5) of the EP Act to refer the proposal to the EPA for assessment under Part IV, if such a referral has not already been made. If a relevant Ministerial Statement already exists, please provide the MS number in the space provided.	☐ Yes (referred) – reference (if known): [ ] ☐ Yes – intend to refer (proposal is a 'significant proposal')☐ Yes – intend to refer (proposal will require a s.45C amendment to the current Ministerial Statement): MS [ ] ☐ No – a valid Ministerial Statement applies: MS [ ] ☒ No – not a 'significant proposal'

Clearing of native vegetation (Part V Division 2 of the EP Act and *Country Area Water Supply Act 1947*)

6.3	**Have you applied or do you intend to apply for a native vegetation clearing permit?** In accordance with the *Guideline: Industry Regulation Guide to Licensing* and *Procedure: Native vegetation clearing permits*, where clearing of native vegetation: • is exempt under Schedule 6 of the EP Act or the Environmental Protection (Clearing of Native Vegetation) Regulations 2004 (WA) (refer to *A guide to the exemptions and regulations for clearing native vegetation*) • is being assessed by a relevant authority which would lead to an exemption under Schedule 6 of the EP Act, or • has been referred under s.51DA of the EP Act and a determination made that a clearing permit is not required (refer to the *Guideline: Native vegetation clearing referrals*), the clearing will not be reassessed by DWER or be subject to any additional controls by DWER. If the proposed clearing action is to be assessed in accordance with, or under, an *Environment Protection and Biodiversity Conservation Act* (Cth) (EPBC Act) accredited process, such as the assessment bilateral agreement, the clearing permit application *Form Annex C7 – Assessment bilateral agreement* must be completed and attached to your clearing permit application.	☐ Yes – clearing application reference (if known): CPS [ ] ☐ Yes – a valid EP Act clearing permit already applies: CPS [ ] ☐ No – this application includes clearing (please complete Sections 4.13 to 4.19 above) ☒ No – permit not required (no clearing of native vegetation) ☐ No – permit not required (clearing referral decision): CPS [ ] ☐ No – an exemption applies (explain why):

Part 6: Other DWER approvals		
6.4	**Have you applied or do you intend to apply for a *Country Area Water Supply Act 1947* licence?** If a clearing exemption applies in a *Country Area Water Supply Act 1947* (CAWS Act) controlled catchment, or if compensation has previously been paid to retain the subject vegetation, a CAWS Act clearing licence is required. If yes, contact the relevant DWER regional office for a Form 1 *Application for licence*. Map of CAWS Act controlled catchments	☐ Yes – application reference (if known): [ ] ☐ No – a valid licence applies: [ ] ☒ No – licence not required
Water licences and permits (*Rights in Water and Irrigation Act 1914*)		
6.5	**Have you applied, or do you intend to apply for:** **1. a licence or amendment to a licence to take water (surface water or groundwater); or** **2. a licence to construct wells (including bores and soaks); or** **3. a permit or amendment to a permit to interfere with the bed and banks of a watercourse?** For further guidance on water licences and permits under the *Rights in Water and Irrigation Act 1914*, refer to the *Procedure: Water licences and permits*.	☐ Yes –application reference (if known): [ ] ☒ No – a valid licence / permit applies: [GWL151368] ☐ No – an exemption applies (explain why): ☐ No – licence / permit not required

Part 7: Other approvals and consultation				
INSTRUCTIONS: • **Please provide copies of all relevant documentation indicated below, including any conditions, exclusions, or expiry dates.** • **"Major Project" means:** ➢ **A State Development Project, where the lead agency is the Department of Jobs, Tourism, Science and Innovation (including projects to which a State Agreement applies); or** ➢ **A Level 2 or 3 proposal, as defined in the Department of Premier and Cabinet's *Lead Agency Framework*.**				
		N/A	**No**	**Yes**
7.1	**Is the proposal a Major Project?**		☒	☐
7.2	**Is the proposal subject to a State Agreement Act?**		☒	☐
	If yes, specify which Act:			
7.3	**Has the proposal been allocated to a "Lead Agency" (as defined in the *Lead Agency Framework*)?**		☒	☐
	If yes, specify Lead Agency contact details:			
7.4	**Has the proposal been referred and/or assessed under the EPBC Act (Commonwealth)?**	☒	☐	☐
	If yes, please specify referral, assessment and/or approval number:			
7.5	**Has the proposal obtained all relevant planning approvals?**	☐	☐	☒
	If planning approval is necessary but has not been obtained, please provide details indicating why:			
	If planning approval is not necessary, please provide details indicating why:			

Part 7: Other approvals and consultation				
7.6	**For renewals or amendment applications, are the relevant planning approvals still valid (that is, not expired)?**	☐	☐	☒
7.7	**Has the proposal obtained all other necessary statutory approvals (not including any other DWER approvals identified in Part 6 of this application)?**	☐	☐	☒
	If no, please provide details of approvals already obtained, outstanding approvals, and expected dates for obtaining these outstanding approvals:			

		N/A	No	Yes
7.8	**Has consultation been undertaken with parties considered to have a direct interest in the proposal (that is, interested parties or persons who are considered to be directly affected by the proposal)?** DWER will give consideration to submissions from interested parties or persons in accordance with the *Guideline: Industry Regulation Guide to Licensing*.	☒	☐	☐

Attachments			N/A	Yes
7.9	**Attachment 5: Other approvals and consultation documentation**	Details of other approvals specified in Part 7 of this application, including copies of relevant decisions and any consultation undertaken with direct interest stakeholders have been provided and labelled Attachment 5.	☐	☒

Part 8: Applicant history

Note:

- **DWER will undertake an internal due diligence of the applicant's fitness and competency based on DWER's compliance records and the responses to Part 8 of the form.**
- **If you wish to provide additional information for DWER to consider in making this assessment, you may provide that information as a separate attachment (see Part 11).**

		N/A	No	Yes
8.1	If the applicant is an individual, has the applicant previously held, or do they currently hold, a licence or works approval under Part V of the EP Act?	☒	☐	☐
8.2	If the applicant is a corporation, has any director of that corporation previously held, or do they currently hold, a licence or works approval under Part V of the EP Act?	☐	☐	☒
8.3	If yes to 8.1 or 8.2 above, specify the name of company and/or licence or works approval number: 1. Brajkovich Demolition and Salvage Pty Ltd (Licence L9158/2018/2) 2. Brajkovich Landfill and Recycling Pty Ltd (Licence L7038/1997/13) 3. Brajkovich Demolition Pty Ltd (Licence L8736/2013/2) 4. Brajkovich Landfill and Recycling (WA) Pty Ltd (Licence L8970/2016/2) 5. Brajkovich Landfill and Recycling Pty Ltd (Works Approval W6319/2019/1) 6. Brajkovich Landfill and Recycling (Muchea) Pty Ltd (Works Approval W6909/2024/1)			
8.4	If the applicant is an individual, has the applicant ever been convicted, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	☒	☐	☐
8.5	If the applicant is a corporation, has any director of that corporation ever been convicted, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	☐	☒	☐
8.6	If the applicant is a corporation, has any person concerned in the management of the corporation, as referred to in s.118 of the EP Act, ever been convicted of, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	☐	☒	☐

Part 8: Applicant history				
8.7	If the applicant is a corporation, has any director of that corporation ever been a director of another corporation that has been convicted, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	☐	☒	☐
8.8	With regards to the questions posed in 8.4 to 8.7 above, have any legal proceedings been commenced, whether convicted or not, against the applicant for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	☐	☒	☐
8.9	Has the applicant had a licence or other authority suspended or revoked due to a breach of conditions or an offence under the EP Act or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	☐	☒	☐
8.10	If the applicant is a corporation, has any director of that corporation ever had a licence or other authority suspended or revoked due to a breach of conditions or an offence under the EP Act or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	☐	☒	☐
8.11	If the applicant is a corporation, has any director of that corporation ever been a director of another corporation that has ever had a licence or other authorisation suspended or revoked due to a breach of conditions or an offence under the EP Act or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	☐	☒	☐
8.12	If yes to any of 8.4 to 8.11 above, you must provide details of any charges, convictions, penalties paid for an offence, and/or licences or other authorisations suspended or revoked:			
	N/A			

Part 9: Emissions, discharges, and waste			
INSTRUCTIONS: • **Please see *Guideline: Risk Assessments* and provide all information relating to emission sources, pathways and receptors relevant to the application.** • **You must provide details on sources of emissions (for example, kiln stack, baghouses or discharge pipelines) including fugitive emissions (for example, noise, dust or odour), types of emissions (physical, chemical, or biological), and volumes, concentrations and durations of emissions.** • **The potential for emissions should be considered for all stages of the proposal (where relevant), including during construction, commissioning and operation of the premises.**			
		No	**Yes**
9.1	**Are there potential emissions or discharges arising from the proposed activities?**	☐	☒
	If yes, identify all potential emissions and discharges arising from the proposed activities and complete Table 9.1: Emissions and discharges (below).		

Part 9: Emissions, discharges, and waste

- ☐ Gaseous and particulate emissions (e.g. emissions from stacks, chimneys or baghouses)
- ☒ Dust (e.g. from equipment, unsealed roads and/or stockpiles, etc.)
- ☐ Wastewater discharges (e.g. treated sewage, wash water, or process water discharged to lands or waters)
- ☐ Waste and leachate (e.g. emissions through seepage, leaks and spills of waste from storage, process and handling areas, etc.)
- ☒ Noise (e.g. from machinery operations and/or vehicle operations)
- ☐ Odour (e.g. from wastes accepted at putrescible landfills, storage or processing of waste or other odorous materials, etc.)
- ☐ Contaminated or potentially contaminated stormwater (e.g. stormwater with the potential to come into contact with chemicals or waste materials, etc.)
- ☐ Electromagnetic radiation[1]
- ☐ Other (please specify): [ ]

[1] Note that for electromagnetic radiation, copies/details of other relevant approvals (such as from the Department of Mines, Industry Regulation and Safety or the Radiological Council) must be provided where applicable.

Part 9: Emissions, discharges, and waste

Details of any pollution control equipment or waste treatment system, including any control mechanisms used to ensure proper operation of this equipment, must be included in the proposed controls column of the 'Emissions and discharges table' below. Details of management measures employed to control emissions should also be included. Please provide / attach any relevant documents (e.g. management plans, etc.).

Additional rows may be added as required and/or further information may be included as an attachment (see Section 9.3).

Table 9.1: Emissions and discharges

	Source of emission or discharge	Emission or discharge type	Volume and frequency	Proposed controls (include in Attachment 6A if extensive or complex)	Location (on site layout plan – see 3.4)
1.	Routine use of vehicles and operational machinery	Noise	Daily	Crushing and Screening plan located 17m below the surrounding ground surface. Plants operational within designated timeframe as per DWER licence (0700-1700 Monday to Friday and 0700-1300 Saturday). Site is separated from the closest residential sensitive receptors by the Mitchell Freeway. Noise Management Plan in place (**Report provided as Attachment 6A**).	Refer to Attachment 2
2.	Internal transport	Dust	Daily	10km/hr speed limit imposed. water truck used to wet down the roads and prevent dust uplift	
3.	Material transfer and stockpiling	Dust	Daily	Stockpiling is located away from the site boundary. Vegetation on the boundary of the site to be retained and maintained. Natural screening.	
4.	Material Screening	Dust	Daily	In built dust suppression (spray nozzles) to suppress dust.	
5.	Buttress formation	Dust	-	Water truck to be utilised. Work area is watered at a rate of 25 litres/square metre of fill.	
6.				Dust Management Plan provided by RCG (previous owner) was used to identify management procedures within licence. **Re-attached as Attachment 6A.**	

9.2 **Waste-related activities at the premises[2]**

Answer "yes" or "no" for the following questions and complete Table 9.2 (below).

		No	Yes
(a)	Is waste accepted at the premises?	☐	☒
(b)	Is waste produced on the premises?	☒	☐
(c)	Is waste processed on the premises?	☐	☒
(d)	Is waste stored on the premises?	☐	☒
(e)	Is waste buried on the premises?	☐	☒
(f)	Is waste recycled on the premises?	☐	☒

Part 9: Emissions, discharges, and waste

(g)	Is any of the waste listed in Table 9.2 (below) also considered a 'dangerous good' for the purposes of the Dangerous Goods Safety (Storage and Handling of Non-Explosives) Regulations 2007?[3]	☒	☐
	Specify, if yes:		

[2] Copies / details of any other relevant approvals (e.g. from the Department of Health) must be provided where applicable.

[3] Wastes derived from the storage, handling, and use of dangerous goods may be considered hazardous and may need to be handled with the same precautions. Please refer to the Department of Mines, Industry Regulation and Safety's *Dangerous Goods Safety information sheet* for more information.

Solid waste types must be described with reference to *Landfill Waste Classification and Waste Definitions 1996* (as amended from time to time) and the Environmental Protection (Controlled Waste) Regulations 2004 (Controlled Waste Regulations).

Liquid waste types must be described with reference to the Controlled Waste Regulations.

For further guidance on the definition of waste, refer to *Fact Sheet: Assessing whether material is waste*.

Detail must be provided on storage type (for example, hardstand and containment infrastructure), capacity, likely storage volumes, and containment features (for example, lining and bunding).

Additional rows may be added as required and/or further information may be included as an attachment (see Section 9.4).

Table 9.2 Waste types

	Waste type	Quantity (e.g. tonnes, litres, cubic metres)	Waste activity infrastructure (including specifications)	Monitoring (if applicable)	Location (on site layout plan – see 3.4)
1.	Clean Fill	Combined Limit of 475,000 tpa	None Specified		
2.	Inert Waste Type 1				
3.	Asphalt Waste	5,000 tpa	None Specified		
4.	Metal Dust	5,000 tpa	Metal dust only to be accepted in a damp stage from BGC premises located adjacent to Premises, as depicted in the Site Layout (attachment 2)		
5.	Drilling Slurry	5,000 tpa	Must be in spadeable form		
6.	Special Waste Type 1	10,000 tpa	Cement bonded asbestos No fibrous asbestos shall be accepted		
7.	Green Waste	2,250 tpa	None specified Limit of 150 tonnes at any single point in time		
8.	Inert Waste Type 2	195 tpa	Plastics free of chemical or putrescibe waste residues Limit of 13 tonnes at any single point in time		

Attachments			N/A	Yes
9.3	**Attachment 6A: Emissions and discharges** (if required)	If required, further information for Section 9.1 has been included as an attachment labelled Attachment 6A.	☐	☒
9.4	**Attachment 6B: Waste acceptance** (if required)	If required, further information for Section 9.2 has been included as an attachment labelled Attachment 6B.	☒	☐

Part 10: Siting and location

10.1	**Sensitive land uses** What is/are the distance(s) to the nearest sensitive land use(s)? A sensitive land use is a residence or other land use which may be affected by an emission or discharge associated with the proposed activities.	Residential Properties within the suburb of Clarkson: 150m west Neerabup National Park: 0m east

10.2 **Nearby environmentally sensitive receptors and aspects**

Identify in Table 10.2 (below):

- all instances of environmentally sensitive receptors that are known or suspected to be present within, or within close proximity to, the proposed prescribed premises boundary;
- the nature of the sensitive receptors (e.g. type of Threatened Ecological Community, species or threatened flora or fauna, etc.);
- their actual or approximate known distance and direction from the premises boundary (at the closest point/s); and
- if applicable, what measures have been or will be taken to ensure that sensitive receptors are not adversely impacted by any emissions or discharges from the premises.

Refer to the *Guideline: Environmental siting* for further guidance.

Table 10.2: Nearby environmentally sensitive receptors and aspects

Type / classification	Description	Distance + direction to premises boundary	Proposed controls to prevent or mitigate adverse impacts (if applicable)
Environmentally Sensitive Areas [1]	An Environmentally Sensitive Area is located onsite and within the adjacent Neerabup National Park (east), with a Clearing Regulation (DWER-046). Landgate Slip V5 accessed 25th November 2025.	Onsite and immediate surrounds	The Environmentally Sensitive Area identified over the Site is within the rehabilitated area undertaken by the previous owners.
Threatened Ecological Communities	Ecological Communities present onsite, and within surrounding region. Landgate Slip V5 accessed 25th November 2025.	Onsite and immediate surrounds	No onsite clearing to occur.
Threatened and/or priority fauna	Calyptorhynchus latirostris (Carnaby's Cockatoo, Whitetailed Short-billed Black Cockatoo)- Threatened Calyptorhynchus sp. (whitetailed black cockatoo) -Threatened Isoodon fusciventer (Quenda, southwestern brown bandicoot) - Priority 4 Dandjoo-DBCA Species Report (25th November 2025).	Identified within a 1km search buffer from the central point onsite. **DBCA Fauna Report Attached**	No onsite clearing to occur.
Threatened and/or priority flora	Dandjoo-DBCA Species Report (25th November 2025).	Identified within a 1km search buffer from the central point onsite. **DBCA Flora Report Attached**	No onsite clearing to occur
Aboriginal and other heritage sites [2]	The Site is within an aboriginal Heritage Place (DPLH-100). Name: Lake Neerabup Site ID: 3693 Culturally sensitive Area: Yes Landgate Slip V5 accessed on 26th November 2025.	Onsite and immediate surrounds. **Figure attached.**	No onsite clearing to occur

Part 10: Siting and location				
	Public drinking water source areas [3]	A Public Drinking Water Source Area (PDWSA) has been identified onsite. Protection Area: P3 Plan Name: Perth Coastal and Gwelup Underground Water Pollution Control Area Landgate Slip V5 accessed 26th November 2025.	Onsite and immediate surrounds. **Figure attached**	Quarterly groundwater sampling for the parameters stipulated within current Licence.
	Rivers, lakes, oceans, and other bodies of surface water, etc.	There are no rivers, lakes, oceans, geomorphic wetlands, or bodies of surface water onsite, nor within close proximity to the Site. Landgate Slip V5 accessed 26th November 2021.	N/A	N/A
	Acid sulfate soils	No areas of Acid Sulfate Soil are present onsite, nor within close proximity to the Site.	**Figure attached**	N/A
	Other	N/A	N/A	N/A

[1] Environmentally Sensitive Areas are as declared under the *Environmental Protection (Environmentally Sensitive) Notice 2005*. Refer to DWER's website ("Environmentally Sensitive Areas") for further information.

[2] Refer to the Department of Planning, Lands and Heritage website for further information about Aboriginal heritage and other heritage sites.

[3] Refer to *Water Quality Protection Note No.25: Land use compatibility tables for public drinking water source areas* for further information.

10.3 **Environmental siting context details**

Provide further information including details on topography, climate, geology, soil type, hydrology, and hydrogeology at the premises.

Topography: The site topography varies from 53m AHD on the eastern edge of the property to 40m AHD in the northern and south-western corners. The maximum depth of the quarry is recorded at 27m AHD.

Climate: Experiences a Mediterranean climate, with hot, dry summers and cool, wet winters

Geology: The surface geology of the land comprises Tamala Limestone, originating from the Late Pleistocene to the Recent Age. This soil predominately consists of calcareous, siliceous sands and calcarenite (Locate V5).

Soil Type: The Natural Resource Information WA identifies that the project area overlies the Quindalup and Spearwood Dune System (Map Unit 211Sp) within the Perth Coastal Zone. The soils are described as yellow deep sand, pale deep sand and yellow/brown shallow sand.

Hydrological Zone: The site falls within the Coastal Plain Hydrological Zone, which is categorised by coastal and fixed sand dunes, calcarenite, non-calcareous sands, podsolised soils and low-lying wet areas. Further east (inland) comprises alluvial deposits, with colluvial deposits adjacent to the Darling Scarp. Within wet areas, the soil is categorised by clayey to sandy alluvial soils (DPIRD 2026).

Hydrogeology: Depth to groundwater has been estimated at 25.0mbgl - 45.0mbgl across the Site, with the depth of the water column at 32.0mbgl across the site (Perth Groundwater Atlas 2026).

Attachments			N/A	Yes
10.4	**Attachment 7: Siting and location**	You must provide details and a map describing the siting and location of the premises, including identification of distances to sensitive land uses and/or any specified ecosystems.	☐	☒

Part 11: Submission of any other relevant information				
Attachments			**No**	**Yes**
11.1	**Attachment 8: Additional information submitted**	Applicants seeking to submit further information may include information labelled Attachment 8. If submitting multiple additional attachments, label them 8A, 8B, etc. Where additional documentation is submitted, please specify the name of documents below.	☒	☐
	List title of additional document(s) attached:	-		

Part 12: Category checklist(s)				
Attachments			**N/A**	**Yes**
12.1	**Attachment 9: Category checklist(s)**	DWER has developed category checklists to assist applicants with preparing their application. These checklists are available on DWER's website. The relevant category-specific checklist(s) must be completed and included with the application, labelled as Attachment 9. If attaching multiple category checklists, label them 9A, 9B, etc. Do not select "N/A" unless: • a relevant category checklist is not yet published on DWER's website, or • the application is for an amendment that does not propose changes to the method of operation, or change the inputs, outputs, infrastructure, equipment, emissions, or discharges of / from the premises. Note that that a category checklist(s) may still be required for renewal applications. You will be advised in your renewal notification letter (sent approximately twelve months before the licence expiry date) if you are required to provide the information identified in a category checklist. Where a category checklist is submitted, please specify which checklist(s) in the space below.	☐	☒
	List title(s) of category checklists attached:	Category 63		

Part 13: Proposed fee calculation		
INSTRUCTIONS: **Different fee units apply for different fee components. Fee units may also have different amounts depending on the period in which the calculation is made.** **Once DWER has confirmed that the application submitted meets the relevant requirements of the EP Act, you will be issued an invoice with instructions for paying your application fee.** **Further information on fees can be found in the *Fact Sheet: Industry Regulation fees*, and on DWER's website.**		
13.1	Only the relevant fee calculations are to be completed as follows: *[mark the box to indicate section s completed]*	☐ Section 13.3 for works approval applications ☒ Section 13.4 for licence / renewal applications ☐ Section 13.5 for registration applications ☐ Section 13.6 for amendment applications ☐ Section 13.7 for applications requiring clearing of native vegetation
13.2	All information and data used for the calculation of proposed fees has been provided in accordance with Section 13.8.	☒
13.3	**Proposed works approval fee**	
Proposed works approval fee (see Schedule 3 of the EP Regulations) Fees relate to the cost of the works, including all capital costs (inclusive of GST) associated with the construction and establishment of the works proposed under the works approval application. This includes, for example, costs associated with earth works, hard stands, drainage, plant hire, equipment, processing plant, relocation of equipment and labour hire. Costs exclude: - the cost of land - the cost of buildings to be used for purposes unrelated to the purposes in respect of which the premises are, or will become, prescribed premises - costs for buildings unrelated to the prescribed premises activity or activities - consultancy fees relating to the works.		
Fee component		**Proposed fee**
Cost of works: $		$ N/A

13.4 Proposed licence fee (new licences and licence renewals)

Detailed licence fee calculations

Part 1 Premises component (see r.5D and Part 1 of Schedule 4 of the EP Regulations)

The production or design capacity should be the maximum capacity of the premises. For most categories, the production or design capacity refers to an annual rate. The figure should be based on 24 hour operation for 365 days, unless there is another regulatory approval or technical reason that restricts operation.

The premises component fee applies to the category in Part 1, Schedule 4 incurring the higher or highest amount of fee units in accordance with r.5D(2) of the EP Regulations.

List all categories (insert additional rows as required). Use only the higher or highest amount of fee units to determine the Part 1 fee component.

Category	Production or design capacity	Fee units
Category 13: Crushing of Building Material	More than 100,000 but not more than 500,000 tonnes per year	[redacted]
Category 62: Solid Waste Depot	More than 5,000 tonnes per year	
Category 63: Class 1 Inert Landfill	More than 50,000 but not more than 500,000 tonnes per year	
Category 70: Screening etc. of material	Not Applicable	
Using the higher or highest amount of fee units, Part 1 component subtotal		

Part 2 Waste (see r.5D(1a)(b) and Part 2 of Schedule 4 of the EP Regulations)

If your premises includes one or more of the following categories specify any applicable Part 2 waste amounts. Do not include Part 3 waste components of these discharges in the below calculations.

Categories: 5, 6, 7, 8, 9, 12, 14, 44, 46, 53, 54A, 70, 80, or 85B

Part 2 waste means waste consisting of –

(a) tailings; or
(b) bitterns; or
(c) water to allow mining of ore; or
(d) flyash; or
(e) waste water from a desalination plant.

If the premises does not fall into one of the categories listed above, or there are no applicable Part 2 waste amounts, the sub total for this section will be $0.

Insert additional rows as required. Sum all Part 2 waste fees to determine the sub total.

Discharge quantity (tonnes/year)	Fee units
Part 2 component subtotal	$ N/A

Part 3 Waste – Discharges to air, onto land, into waters (see Part 3 of Schedule 4 of the EP Regulations)

Choose the appropriate location of the discharge and enter the discharge amount(s) in the units specified in the EP Regulations. This should be the amount of waste expected to be discharged over the next 12 months, expressed in the units and averaging period applicable for that waste kind (for example, g/minute or kg/day). Amounts can be measured, calculated, or estimated and can be based on data acquired over the previous 12 months, but should be based on the maximum premises capacity and not the forecast operating hours.

Where there are discharges, all prescribed waste types must be considered in the fee calculation. If a specified waste type is not present in the discharge, this must be justified using an appropriate emission estimation technique (for example, sampling data, industry sector guidance notes, National Pollution Inventory guides and emission factors).

Discharges to air			
Discharges to air	Discharge rate (g/min)	Discharges to air	Discharge rate (g/min)
Carbon monoxide		Nickel	
Oxides of nitrogen		Vanadium	
Sulphur oxides		Zinc	
Particulates (Total PM)		Vinyl chloride	
Volatile organic compounds		Hydrogen sulphide	
Inorganic fluoride		Benzene	
Pesticides		Carbon oxysulphide	
Aluminium		Carbon disulphide	
Arsenic		Acrylates	
Chromium		Beryllium	
Cobalt		Cadmium	
Copper		Mercury	
Lead		TDI (toluene-2, 4-di-iso-cyanate)	
Manganese		MDI (diphenyl-methane di-iso-cyanate)	
Molybdenum		Other waste	
Part 3 component subtotal		$ N/A	

Discharges onto land or into waters		Discharge rate
1. Liquid waste that can potentially deprive receiving waters of oxygen (for each kilogram discharged per day) —	(a) biochemical oxygen demand (in the absence of chemical oxygen demand limit)	
	(b) chemical oxygen demand (in the absence of total organic carbon limit)	
	(c) total organic carbon	
2. Bio-stimulants (for each kilogram discharged per day) —	(a) phosphorus	
	(b) total nitrogen	
3. Liquid waste that physically alters the characteristics of naturally occurring waters —	(a) total suspended solids (for each kilogram discharged per day)	
	(b) surfactants (for each kilogram discharged per day)	
	(c) colour alteration (for each platinum cobalt unit of colour above the ambient colour of the waters in each megalitre discharged per day)	
	(d) temperature alteration (for each 1°C above the ambient temperature of the waters in each megalitre discharged per day) — (i) in the sea south of the Tropic of Capricorn (ii) in other waters	

4. Waste that can potentially accumulate in the environment or living tissue (for each kilogram discharged per day) —	(a) aluminium	
	(b) arsenic	
	(c) cadmium	
	(d) chromium	
	(e) cobalt	
	(f) copper	
	(g) lead	
	(h) mercury	
	(i) molybdenum	
	(j) nickel	
	(k) vanadium	
	(l) zinc	
	(m)pesticides	
	(n) fish tainting wastes	
	(o) manganese	
5. *E. coli* bacteria as indicator species (in each megalitre discharged per day) —	(a) 1,000 to 5,000 organisms per 100 ml	
	(b) 5,000 to 20,000 organisms per 100 ml	
	(c) more than 20,000 organisms per 100 ml	
6. Other waste (per kilogram discharged per day) —	(a) oil and grease	
	(b) total dissolved solids	
	(c) fluoride	
	(d) iron	
	(e) total residual chlorine	
	(f) other	
Part 3 component subtotal		$

Summary – Proposed licence fee	
Part 1 Component	[redacted]
Part 2 Component	
Part 3 Component	
Total proposed licence fees:	

13.5 **Prescribed fee for registration**	
A fee of 24 units applies for an application for registration of premises, unless the occupier of the premises holds a licence in respect of the premises, in accordance with r.5B(2)(c) of the EP Regulations.	☐ (Tick to acknowledge)

13.6 **Amendment fee (works approval or licence)**	
The fee prescribed for an application for an amendment to a works approval or licence is calculated in accordance with r.5BB(1)(a) of the EP Regulations: • for a single category of prescribed premises to which the works approval or licence relates, by using the fee unit number corresponding to the prescribed premises category and relevant design capacity threshold in Schedule 4 Part 1 of the EP Regulations. • for multiple categories of prescribed premises to which the works approval or licence relates, by using the highest fee unit number corresponding to the prescribed premises categories and design capacity threshold in Schedule 4 Part 1 of the EP Regulations.	
Fee Units	Proposed fee
	$

13.7 **Prescribed fee for clearing permit**	
In accordance with the *Guideline: Industry Regulation Guide to Licensing* and *Procedure: Native vegetation clearing permits*, where approval to clear native vegetation is sought as part of an application for a works approval or licence, DWER may elect to either jointly or separately determine the clearing component of the application. Where DWER separately determines the clearing component of an application, the application will be deemed to be an application for a clearing permit under s.51E of the EP Act and processed accordingly. Note: If a clearing permit application has been separately submitted and accepted by DWER, a refund for the clearing permit application will not be provided where DWER determines to address clearing requirements as part of a related works approval application.	☐ (Tick to acknowledge)

13.8 **Information and data used to calculate proposed fees**	
The detailed calculations of fee components, including all information and data used for the calculations are to be provided as attachments to this application, labelled as **Attachment 10**, with an appropriate suffix (for example 10A, 10B etc.). Please specify the relevant attachment number in the space/s provided below.	
Proposed fee for works approval	Attachment No.
Details for cost of works	
Proposed fee for licence	Attachment No.
Part 1: Premises	**Attachment 10**
Part 2: Waste types	
Part 3: Discharges to air, onto land, into waters	

Part 14: Commercially sensitive or confidential information

NOTE:
Information submitted as part of this application will be made publicly available. If you wish to submit commercially sensitive or confidential information, please identify the information in Attachment 11, and include a written statement of reasons why you request each item of information be kept confidential.

Information submitted later in the application process may also be made publicly available at DWER's discretion. For any commercially sensitive or confidential information, please follow the same process as described above.

DWER will take reasonable steps to protect genuinely confidential or commercially sensitive information. However, please note that DWER cannot commit to redacting all personal information from all supporting documents. You are advised to ensure that all personal information, including signatures, are removed from supporting documents prior to submitting them to the department. Please note that all submitted information may be the subject of an application for release under the *Freedom of Information Act 1992*.

	Attached	N/A
All information which you would propose to be exempt from public disclosure has been separately placed in a redacted version of the application form and its supporting documentation. Note that this is in addition to the unredacted version(s) provided to DWER for its assessment. Grounds for claiming exemption in accordance with Schedule 1 to the *Freedom of Information Act 1992* must be specified in **Attachment 11** (located at the end of this form).	☐	☒

Part 15: Submission of application	
INSTRUCTIONS: **Check one of the boxes below to nominate how you will submit your application.** **Files larger than 50MB cannot be received via email by DWER. Files larger than 50MB can be sent via File Transfer. Alternatively, email DWER to make other arrangements.**	
A full, signed, electronic copy of the application form including all attachments has been submitted via email to info@dwer.wa.gov.au; **OR**	☒
A signed, electronic copy of the application form has been submitted via email to info@dwer.wa.gov.au and attachments have been submitted via File Transfer, or electronically by other means as arranged with DWER; **OR**	☐
A full, signed hard copy has been sent to: APPLICATION SUBMISSIONS Department of Water and Environmental Regulation Locked Bag 10 Joondalup DC WA 6919	☐

Part 16: Declaration and signature

General

I / We confirm and acknowledge that:

- the information contained in this application is true and correct;
- I / we have legal authority to sign on behalf of the applicant (where authorisation provided);
- I / we have not altered the requirements and instructions set out in this application form;
- I / we have provided a valid email address in Section 2.3 for receipt of correspondence electronically via email from DWER in relation to this application;
- that successful delivery to my / our server constitutes receipt of correspondence sent electronically via email from DWER in relation to this application; and
- I / we have provided a valid postal and/or business address in Section 2.4 for the service of all Part V documents.
- giving or causing to be given information that to my knowledge is false or misleading is an offence under s.112 of the EP Act and may incur a penalty of up to $100,000.

Publication

I / We confirm and acknowledge:

- this application (including all attachments apart from the sections identified in Attachment 11) is a public document and may be published;
- marine surveys provided in accordance with Part 5 will be published and used, for the purposes of the IMSA project, in accordance with your declaration made in the *Metadata and Licensing Statement*;
- all necessary consents for the publication of information have been obtained from third parties;
- information considered exempt from public disclosure has been noted by redaction of a separately provided copy of the completed application form and its supporting documentation (in accordance with Part 14), with reasons as to why the information should be exempt in accordance with the grounds specified in Schedule 1 to the *Freedom of Information Act 1992* (WA) being provided in Attachment 11;
- subsequent information provided in relation to this application will be a public document and may be published unless written notice has been given to DWER by the applicant, at the time the information is provided, claiming [redacted]closure; and

[redacted] tion of the CEO of DWER and will be made *tion Act 1992* (WA).

[redacted]

11/03/2026

Date

[redacted]

Position

Signature

Date

Name

Position

NOTE: This form may be signed:

- **if the applicant is an individual, by the individual;**
- **if the applicant is a corporation, by:**
  - **the common seal being affixed in accordance with the *Corporations Act 2001* (Cth); or**
  - **two directors; or**
  - **a director and a company secretary; or**
  - **if a proprietary company has a sole director who is also the sole company secretary, by that director; and**
- **by a person with legal authority to sign on behalf of the applicant.**

ATTACHMENT 11 – Confidential or commercially sensitive information

Request for exemption from publication			
Information which you consider should not be published, on the grounds of a relevant exemption found in Schedule 1 to the *Freedom of Information Act 1992* (WA), must be specified in this Attachment. Add additional rows as required.			
NOT FOR PUBLICATION IF GROUNDS FOR EXEMPTION ARE DETERMINED TO BE ACCEPTABLE			
Section of this form:		Grounds for claiming exemption:	
Section of this form:		Grounds for claiming exemption:	
Section of this form:		Grounds for claiming exemption:	
_____ Full Name _____ _____ Signature Date			

ATTACHMENT 1A PROOF OF OCCUPIER STATUS

WESTERN AUSTRALIA

REGISTER NUMBER	
11533/DP217813	
DUPLICATE EDITION	DATE DUPLICATE ISSUED
N/A	**N/A**

VOLUME **LR3096** FOLIO **207**

RECORD OF QUALIFIED CERTIFICATE OF CROWN LAND TITLE

UNDER THE TRANSFER OF LAND ACT 1893
AND THE LAND ADMINISTRATION ACT 1997

NO DUPLICATE CREATED

The undermentioned land is Crown land in the name of the STATE OF WESTERN AUSTRALIA, subject to the interests and Status Orders shown in the first schedule which are in turn subject to the limitations, interests, encumbrances and notifications shown in the second schedule.

REGISTRAR OF TITLES

LAND DESCRIPTION:

LOT 11533 ON DEPOSITED PLAN 217813

STATUS ORDER AND PRIMARY INTEREST HOLDER:
(FIRST SCHEDULE)

STATUS ORDER/INTEREST: UNALLOCATED CROWN LAND

PRIMARY INTEREST HOLDER: STATE OF WESTERN AUSTRALIA

LIMITATIONS, INTERESTS, ENCUMBRANCES AND NOTIFICATIONS:
(SECOND SCHEDULE)

Warning: (1) A current search of the sketch of the land should be obtained where detail of position, dimensions or area of the lot is required. Lot as described in the land description may be a lot or location.
(2) The land and interests etc. shown hereon may be affected by interests etc. that can be, but are not, shown on the register.
(3) The interests etc. shown hereon may have a different priority than shown.

----------END OF CERTIFICATE OF CROWN LAND TITLE----------

STATEMENTS:

The statements set out below are not intended to be nor should they be relied on as substitutes for inspection of the land and the relevant documents or for local government, legal, surveying or other professional advice.

SKETCH OF LAND:	LR3096-207 (11533/DP217813)
PREVIOUS TITLE:	LR3096-292
PROPERTY STREET ADDRESS:	220 HESTER AV, NEERABUP.
LOCAL GOVERNMENT AUTHORITY:	CITY OF WANNEROO
RESPONSIBLE AGENCY:	DEPARTMENT OF PLANNING, LANDS AND HERITAGE (SLSD)

NOTE 1: A000001A CORRESPONDENCE FILE 2103/1963.
NOTE 2: SUBJECT TO SURVEY - NOT FOR ALIENATION PURPOSES

END OF PAGE 1 - CONTINUED OVER

NOTE 3: LAND PARCEL IDENTIFIER OF SWAN LOCATION 11533 ON SUPERSEDED PAPER CERTIFICATE OF CROWN LAND TITLE CHANGED TO LOT 11533 ON DEPOSITED PLAN 217813 ON 28-AUG-02 TO ENABLE ISSUE OF A DIGITAL CERTIFICATE OF TITLE.

NOTE 4: THE ABOVE NOTE MAY NOT BE SHOWN ON THE SUPERSEDED PAPER CERTIFICATE OF TITLE.

WESTERN AUSTRALIA

MINING TENEMENT REGISTER SEARCH

MINING LEASE 70/717

[redacted]

This Register Search issued pursuant to Section 103F(4) of the Mining Act, 1978 at: **15:43:09 04/11/2020**

Resource Tenure
Department of Mines, Industry Regulation and Safety

Tenement Summary

Identifier : M 70/717
District : SOUTH WEST M.F.
Current Area : 25.54000 HA
Status : Live
Mark Out : 22/08/1991 15:30:00
Received : 29/08/1991 10:15:00
Term Granted : 21 Years (Renewed)
Lodging Office : PERTH
Commence : 06/05/1992
Expiry : 05/05/2034
Purpose :
Death :

Rent Status

Due for Year End 05/05/2021 :
Previous Amount Outstanding : $0.00
Current Due : $0.00

[redacted]

Expenditure Status

Expended Year End 05/05/2020 : EXPENDED IN FULL
Current Year (05/05/2021) Commitment : $10,000.00

OWNERSHIP DETAILS

Current Holders

Name and Address	Shares
PAKK PTY LTD (ACN:120831101) THE TENEMENT MANAGER, DEBLIN TENEMENT MANAGEMENT SERVICES, PO BOX 456, MOUNT HAWTHORN, WA, 6915, linda@deblin.com.au, 0402464190	100
Total Shares:	**100**

Holder Changes

Dealing	Status Date	From (Shares)	To (Shares)

A to A (Name) 388H/978	Registered 16/04/1998 00:00:00	GENERAL BULLDOZING CO. PTY LTD (100)	BGC CONTRACTING PTY LTD (100)
Transfer 1389H/978	Registered 22/07/1998 00:00:00	BGC CONTRACTING PTY LTD (100)	RCG PTY LTD (100)
Transfer 548604	Registered 01/03/2019 12:22:23	RCG PTY LTD (100)	PAKK PTY LTD (100)

Applicants on Receival

Name and Address	Shares
GENERAL BULLDOZING CO. PTY LTD 21 KOOJAN AVE, SOUTH GUILDFORD, WA, 6055	100
Total Shares:	100

DESCRIPTION DETAILS

Description

Block Type :

Effective From :

Locality : Quinns Rocks

Datum : Datum 228.44 metres south of north east corner of ml 70/17

Boundary :
Thence 542.88 metres bearing 191 degrees 15 minutes 20 seconds
Thence 420 metres bearing 179 degrees 47 minutes
Thence 127.23 metres bearing 269 degrees 47 minutes
Thence 168.75 metres bearing 347 degrees 38 minutes 50 seconds
Thence 508.84 metres bearing 343 degrees 54 minutes 45 seconds
Thence 253.59 metres bearing 340 degrees 9 minutes 25 seconds
Thence 58.97 metres bearing 350 degrees 12 minutes 40 seconds
Thence 119.15 metres bearing 143 degrees 1 minutes 59 seconds
Thence 201.70 metres bearing 74 degrees 16 minutes 38 seconds
Thence 77.47 metres bearing 42 degrees 47 minutes 59 seconds
Thence 186.80 metres bearing 94 degrees 12 minutes 19 seconds
to datum

Area :

Type	Dealing No	Start Date	Area
Surveyed		28/05/2004	25.54000 HA
Granted		06/05/1992	25.42500 HA
Applied For		22/08/1991	25.42500 HA

RELATIONSHIPS

Relationships

Relationship	Dealing No	Dealing Status	Tenement ID	Tenement Status

State Agreement Conversions

Applicable Legislation	Effective Start	Effective End

SURVEY DETAILS

Survey

Surveyed Area	Surveyed Date	Surveyor`s Name	Field Book	Instruction Date	Project
25.54000 HA	28/05/2004	ALLISTER, TA	1	15/10/2003	11025

Standard Plan
TENGRAPH

Diagram
48908 (434/67)

GENERAL DETAILS

General

Objection Closing Date : 28/09/1991
File Reference : 7887/91
Receipt Number : 63367

[redacted]

Special Indicator

Special Indicator	Start	End

SHIRE DETAILS

Shire

Shire	Shire No	Start	End	Area
WANNEROO CITY	8760	22/08/1991		25.54000 HA

NATIVE TITLE DETAILS

Native Title Referrals

DISCLAIMER: Complete Native Title Information is not available for this Tenement/Amalgamation

Date Referred	Referral Type	Procedure	Current Status
	Tenement Application		

GRANT DETAILS

Recommendation

Recommended for : Grant 10/04/1992

Grant

Granted : 02/05/1992 **Holder Notified :** 06/05/1992 **Licence/Lease issued :**

Term

Term : 21 Years (Renewed) **From :** 06/05/1992 **To :** 05/05/2034

ENDORSEMENTS/CONDITIONS DETAILS

Endorsements and Conditions

---------- No ENDORSEMENTS ----------

#	CONDITIONS	Start Date	End Date
1	Survey.	06/05/1992	
2	Compliance with the provisions of the Aboriginal Heritage Act, 1972 to ensure that no action is taken which is likely to interfere with or damage any Aboriginal site.	06/05/1992	
3	All surface holes drilled for the purpose of exploration are to be capped, filled or otherwise made safe after completion.	06/05/1992	
4	All costeans and other disturbances to the surface of the land made as a result of exploration, including drill pads, grid lines and access tracks, being backfilled and rehabilitated to the satisfaction of the Environmental Officer, Department of Industry and Resources (DoIR).	12/08/2005	

#	CONDITIONS	Start Date	End Date
	Backfilling and rehabilitation being required no later than 6 months after excavation unless otherwise approved in writing by the Environmental Officer, DoIR.		
	~~All costeans and other disturbances to the surface of the land made as a result of exploration, including drill pads, grid lines and access tracks, being backfilled and rehabilitated to the satisfaction of the District Mining Engineer. Backfilling and rehabilitation being required no later than 6 months after excavation unless otherwise approved in writing by the District Mining Engineer.~~	06/05/1992	11/08/2005
5	All waste materials, rubbish, plastic sample bags, abandoned equipment and temporary buildings being removed from the mining tenement prior to or at the termination of exploration program.	06/05/1992	
6	Unless the written approval of the Environmental Officer, DoIR is first obtained, the use of scrapers, graders, bulldozers, backhoes or other mechanised equipment for surface clearing or the excavation of costeans is prohibited. Following approval, all topsoil being removed ahead of mining operations and separately stockpiled for replacement after backfilling and/or completion of operations.	12/08/2005	
	~~Unless the written approval of the District Mining Engineer, Department of Mines, is first obtained, the use of scrapers, graders, bulldozers, backhoes or other mechanised equipment for surface clearing or the excavation of costeans is prohibited. Following approval, all topsoil being removed ahead of mining operations and separately stockpiled for replacement after backfilling and/or completion of operations.~~	06/05/1992	11/08/2005
7	No developmental or productive mining or construction activity being commenced until the tenement holder has submitted a plan of the proposed operations and measures to safeguard the environment to the Director, Environment, DoIR for assessment; and until his written approval has been obtained.	12/08/2005	
	~~No developmental or productive mining or construction activity being commenced until the tenement holder has submitted a plan of the proposed operations and measures to safeguard the environment to the State Mining Engineer for assessment; and until his written approval has been obtained.~~	06/05/1992	11/08/2005
8	The construction and operation of the project and measures to protect the environment being carried out generally in accordance with the document titled: • Correspondence from Wride Surveys, reference Mining Lease 70/717 dated 26 October 1995 and retained on Department of Industry and Resources File No. 2310/92. • "Mining Lease 70/717 Rehabilitation Plan" dated March 2004 authored by BSD Consultants and retained on Department of Industry and Resources File No. 4066/00. • (MP Reg ID 84496) "Mining Proposal -Hester Avenue (Quinns Quarry) - Buttress Design - M70/717" dated 20 December 2019 signed by Sarah Poulton, and retained on Department of Mines, Industry Regulation and Safety File No. EARS-MPMCP-84496 as Doc ID 7083470; • (MCP Reg ID 84496) "Mine Closure Plan - Quinns Quarry (M70/717) and (L70/172)" dated 09 January 2020 signed by Sarah Poulton, and retained on Department of Mines, Industry Regulation and Safety File No. EARS-MPMCP-84496 as Doc ID 7100196 Where a difference exists between the above documents and the following conditions, then the following conditions shall prevail.	31/01/2020	
	~~The construction and operation of the project and measures to protect the environment being carried out generally in accordance with the document titled:~~ ~~• Correspondence from Wride Surveys, reference Mining Lease 70/717 dated 26 October 1995 and retained on Department of Industry and Resources File No. 2310/92.~~ ~~• "Mining Lease 70/717 Rehabilitation Plan" dated March 2004 authored by BSD Consultants and retained on Department of Industry and Resources File No. 4066/00.~~ ~~• (MCP Reg ID: 59379) "Quinns Quarry M70/717 Mine Closure Plan Version 2" dated 14 October 2016 signed by Colin Zampatti, and retained on Department of Mines and Petroleum file no. EARS-MCP-59379 as Doc ID 4584411.~~ ~~Where a difference exists between the above documents and the following conditions, then the following conditions shall prevail.~~	31/10/2016	30/01/2020
	~~The construction and operation of the project and measures to protect the environment being carried out generally in accordance with the document titled:~~	09/03/2006	30/10/2016

#	CONDITIONS	Start Date	End Date
	~~• Correspondence from Wride Surveys, reference Mining Lease 70/717 dated 26 October 1995 and retained on Department of Industry and Resources File No. 2310/92.~~ ~~• "Mining Lease 70/717 Rehabilitation Plan" dated March 2004 authored by BSD Consultants and retained on Department of Industry and Resources File No. 4066/00.~~ ~~Where a difference exists between the above documents and the following conditions, then the following conditions shall prevail.~~		
	~~The operation of the project and measures to protect the environment being carried out generally in accordance with the correspondance by Wride Surveys, refernce Mining Lease 70/717 dated 26 October 1995 and retained on Department of Minerals and Energy File No. 2310/92Where a difference exists between the above documents and the following conditions, then the following conditions shall prevail.~~	09/03/1995	08/03/2006
9	The development and operation of the project being carried out in such a manner so as to create a minimum practicable disturbance to the existing vegetation and natural landform.	09/03/1995	
10	All topsoil being removed ahead of all mining operations from sites such as pit areas, waste disposal areas, ore stockpile areas, pipeline, haul roads and new access roads and being stockpiled for later respreading or immediately respread as rehabilitation progresses.	09/03/1995	
11	At the completion of operations, all buildings and structures being removed from site or demolished and buried to the satisfaction of the State Mining Engineer.	09/03/1995	
12	All rubbish and scrap to be progressively disposed of in a suitable manner.	09/03/1995	
13	At the completion of operations or progressively where possible all access roads and other disturbed areas being covered with topsoil, deep ripped and revegetated with local native grasses, shrubs and trees to the satisfaction of the State Mining Engineer and on freehold land, the landholder.	09/03/1995	
14	~~The lessee arranging lodgement of an Unconditional Performance Bond executed by a Bank or other approved financial institution in favour of the Minister for Mines in the sum of $37,000 for due compliance with the environmental conditions of the lease within 30 days of imposition.~~	13/11/1996	01/07/2013
	~~The lessee providing an Unconditional Performance Bond executed by a Bank or other approved financial institution in favour of the Minister for Mines in the sum of $70,000 for due compliance with the environmental conditions of the lease within 30 days of imposition.~~	09/03/1995	12/11/1996
15	The Lessee submitting to the Executive Director, Environment Division, DMP, a brief annual report outlining the project operations, minesite environmental management and rehabilitation work undertaken in the previous 12 months and the proposed operations, environmental management plans and rehabilitation programmes for the next 12 months. This report to be submitted each year in: • December.	30/08/2013	
	~~The lessee submitting to the State Mining Engineer in December of each year a brief annual report outlining the project operations, minesite environmental management and rehabilitation work undertaken in the previous 12 months and the proposed operations and rehabilitation programmes for the next 12 months.~~	09/03/1995	30/08/2013
16	Any alteration of operations to include limestone block cutting or any other operation besides limestone rubblt and yellow sand mining within the lease boundaries not commencing unril a plan of operations and a programme to safeguard the environment are submitted to the State Mining Engineer for his assessment and until his written approval to proceed has been obtained.	09/03/1995	
17	The tenement boundaries being appropriately fenced off to prevent inadvertent access of fauna from, or personnel into, the Neerabup National Park to the satisfaction of the State Mining Engineer in consultation with the District Manager, CALM.	09/03/1995	
18	A surveyed site plan being submitted to the SME within 30 days of the imposition of this condition outlining the locations of: infrastructure, roads, topsoil stockpiles, current and non-active mining areas, backfilling and concrete batching operations, special lease for the concrete batching plant and the noise visual screen.	09/03/1995	
19	Within two months of the imposition of this condition, the lessee submitting a Rehabilitation Management Plan detailing current and future rehabilitation intentions and techniques to the District Manager, CALM and the State Mining Engineer, for their assessment and approval.	09/03/2006	
20	~~A Mine Closure Plan is to be submitted in the Annual Environmental Reporting month specified in tenement conditions in the year specified below, unless otherwise directed by an Environmental Officer, DMP. The Mine Closure Plan is to be prepared in accordance with the "Guidelines for Preparing Mine Closure Plans" available on DMP's website:~~ ~~• 2014.~~	01/08/2012	21/09/2016

#	CONDITIONS	Start Date	End Date
21	A Mine Closure Plan is to be submitted in the Annual Environmental Reporting month specified in tenement conditions in the year specified below, unless otherwise directed by the Executive Director Resource and Environmental Compliance Division, Department of Mines, Industry Regulation and Safety. The Mine Closure Plan is to be prepared in accordance with the Department's "Guidelines for Preparing Mine Closure Plans": • 2020	31/01/2020	
	~~A Mine Closure Plan is to be submitted in the Annual Environmental Reporting month specified in tenement conditions in the year specified below, unless otherwise directed by an Environmental Officer, DMP. The Mine Closure Plan is to be prepared in accordance with the "Guidelines for Preparing Mine Closure Plans" available on DMP's website:~~ • ~~2019~~	31/10/2016	30/01/2020
22	Any alteration or expansion of operations within the lease boundaries beyond that outlined in the above document(s) not commencing until a plan of operations and a programme to safeguard the environment are submitted to the Executive Director, Resource and Environmental Compliance, DMIRS for assessment and until the Executive Director's written approval to proceed has been obtained.	31/01/2020	
23	The development and operation of the project being carried out in such a manner so as to create the minimum practicable disturbance to the existing vegetation and natural landform.	31/01/2020	
24	The Lessee taking all reasonable measures to prevent or minimise the generation of dust from all materials handling operations, stockpiles, open areas and transport activities.	31/01/2020	
25	On the completion of operations or progressively when possible, all waste dumps, tailings storage facilities, stockpiles or other mining related landforms must be rehabilitated to form safe, stable, non-polluting structures which are integrated with the surrounding landscape and support self sustaining, functional ecosystems comprising suitable, local provenance species or alternative agreed outcome to the satisfaction of the Executive Director, Resource and Environmental Compliance, Department of Mines, Industry Regulation and Safety.	31/01/2020	
26	The construction of the buttress shall be supervised by an engineering/geotechnical specialist.	31/01/2020	
27	The construction details of the buttress shall be documented by an engineering or geotechnical specialist and confirm that the construction satisfies the design intent. The construction document shall include the records of all construction quality control testing, the basis of any method specification adopted, and any significant modifications to the original design together with the reasons why the modifications were necessary. The construction document shall also present as-built drawings. A copy of the construction document shall be submitted to DMIRS for its records.	31/01/2020	

DEALINGS DETAILS

Dealings

	Encumbrances
Caveat 490H/923	Lodged 3:04:00 PM on 22 Oct 1992 by Bernardo ZAMPATTI RECORDED 3:04 PM 22 Oct 1992 Re Transfer 1389H/978 14 days notice sent 07 Jul 1998 LAPSED 12:00 Midnight 21 Jul 1998
Agreement 62H/923	Agreement between GENERAL BULLDOZING CO. PTY LTD and Bernardo ZAMPATTI Lodged 3:04:00 PM on 22 Oct 1992 REGISTERED 3:04 PM 22 Oct 1992
Bond PE2623	Lodged on 28 Feb 1996 For $5,000.00 RECORDED 28 Feb 1996 RETIRED 10 Aug 1998
Bond PE2624	Lodged on 28 Feb 1996 For $32,000.00 RECORDED 28 Feb 1996 RETIRED 10 Aug 1998
Bond PE4190	Lodged on 08 Jun 1998 For $37,000.00 RECORDED 08 Jun 1998 Lodged: 00:00 08 June 1998 Bond Type: Unconditional Performance Bond Bond Amount: $37,000.00 RECORDED: 08 June 1998 RETIRED - MRF: 28 August 2014

Bond Requirement 309627	Requirement Date:	13/11/1996
	Amount:	$37,000.00
	RECORDED:	10:09:42 13 November 1996
	FINALISED:	14:59:15 28 August 2014
Extension / Renewal of Term 402553	Lodged:	09:30 30 July 2012
	Applied For Period:	21 Years
	RECORDED:	09:30 30 July 2012
	GRANTED:	09 August 2012
	Granted Period:	21 Years
	Term Renewed To:	05/05/2034
Forfeiture 428905	Initiated:	13/08/2013 for non-compliance with reporting requirements(Form 5)
	RECORDED:	14:38:30 12 August 2013
	Notice Issued:	Regulation 50 Notice sent 13/08/2013 for non-compliance with expenditure requirements pursuant to Reg 32/Sec 82(1)- late lodgement of Form 5.
	Compliance Date:	16/09/2013
	FINALISED:	Order by Minister on 25 September 2013 that M 70/717 be Penalty Imposed
Fine 431936	Fine in respect to:	Forfeiture Process 428905
	Fine reason:	Non-compliance with expenditure obligations
	Penalty amount:	$360.00
	Notification date:	26/09/2013
	Due date:	29/10/2013
	Pursuant to:	Section 97(5)
	RECORDED:	25 September 2013
	PAYMENT RECEIVED:	07 October 2013
	Receipt Number:	06-129131
	Amount:	$360.00
	Remaining balance:	$0.00
	FINALISED:	07 October 2013
Forfeiture 472891	Initiated:	18/08/2015 for non-compliance with reporting requirements(Form 5)
	RECORDED:	15:12:20 14 August 2015
	Notice Issued:	Regulation 50 Notice sent 18/08/2015 for non-compliance with expenditure requirements pursuant to Reg 32/Sec 82(1)- non lodgement of Form 5.
	Compliance Date:	22/09/2015
	FINALISED:	Order by Minister on 16 October 2015 that M 70/717 be No Penalty Imposed
Forfeiture 537292	Initiated:	20/08/2018 for non-compliance with reporting requirements(Form 5)
	RECORDED:	08:15:42 17 August 2018
	Notice Issued:	Regulation 50 Notice sent 20/08/2018 for non-compliance with expenditure requirements pursuant to Reg 22/Sec 63A- late lodgement of Form 5.
	Compliance Date:	25/09/2018
	FINALISED:	Order by Minister on 05 October 2018 that M 70/717 be No Penalty Imposed
Caveat 542799	Lodged:	14:37:39 15 November 2018
	Caveat Type:	Absolute Caveat

	Caveator:	PAKK PTY LTD AS TRUSTEE FOR THE BRAJKOVICH SUPERANNUATION FUND
	Shares Caveated:	100/100 shares RCG PTY LTD
	RECORDED:	14:37:39 15 November 2018
	WITHDRAWN:	12:09:57 01 March 2019
Application to Amend 543156	Lodged:	14:11:49 21 November 2018
	Amending:	Address (Including DTC Details)
	From:	Principal Place of Business : RCG PTY LTD, SAME AS CORRESPONDENCE and DTC :RCG PTY LTD, PO BOX 1333, SOUTH PERTH, WA, 6951
	To:	Principal Place of Business : RCG PTY LTD, DEBLIN TENEMENT MANAGEMENT SERVICES, PO BOX 456, MOUNT HAWTHORN, WA, 6915, linda@deblin.com.au, 0402464190 and DTC :RCG PTY LTD, THE TENEMENT MANAGER, DEBLIN TENEMENT MANAGEMENT SERVICES, PO BOX 456, MOUNT HAWTHORN, WA, 6915, linda@deblin.com.au, 0402464190
	REJECTED:	14:11:49 21 November 2018
Withdrawal of Dealing 548601	Lodged:	12:09:57 01 March 2019
	In respect to:	Caveat 542799
	RECORDED:	12:09:57 01 March 2019

BOND DETAILS

Bond	Surety	Amount	Bond date	Bond status	Bond status date
PE4190	NATIONAL AUSTRALIA BANK LIMITED	$37,000.00	08/06/1998	Retired - MRF	28/08/2014
PE2623	GENERAL BULLDOZING CO. PTY LTD	$5,000.00	28/02/1996	Retired	10/08/1998
PE2624	NATIONAL AUSTRALIA BANK LIMITED	$32,000.00	28/02/1996	Retired	10/08/1998

RENT DETAILS

Rent Payments

[redacted]

EXPENDITURE/EXEMPTION DETAILS

[redacted]

Year	Minimum Expenditure	Expenditure Lodged	Total Expenditure	Exemption Amount	Exemption Lodged	Exemption Number	Exemption Status	Outcome Date
1993	$10,000.00	03/12/1993	$73,372.00					

Expenditure Details

[redacted]

COMBINED REPORTING DETAILS

C Number :
Project :
Reporting Date :
Affecting Period :

End of Search

WESTERN AUSTRALIA

MINING TENEMENT REGISTER SEARCH

MISCELLANEOUS LICENCE 70/172

[redacted]

This Register Search issued pursuant to Section 103F(4) of the Mining Act, 1978 at: **15:43:07 04/11/2020**

Resource Tenure
Department of Mines, Industry Regulation and Safety

Tenement Summary

Identifier : L 70/172
District : SOUTH WEST M.F.
Current Area : 1.01700 HA
Status : Live
Mark Out :
Received : 17/06/2014 16:24:45
Term Granted : 21 Years
Lodging Office : ONLINE
Commence : 22/06/2015
Expiry : 21/06/2036
Purpose : a road
Death :

Rent Status

Due for Year End 21/06/2021 :
Previous Amount Outstanding : $0.00
Current Due : $0.00
[redacted]

Expenditure Status

Expended Year End : NO EXPENDITURE REQUIRED
Current Year () Commitment : NO EXPENDITURE REQUIRED

OWNERSHIP DETAILS

Current Holders

Name and Address	Shares
PAKK PTY LTD (ACN:120831101) THE TENEMENT MANAGER, DEBLIN TENEMENT MANAGEMENT SERVICES, PO BOX 456, MOUNT HAWTHORN, WA, 6915, linda@deblin.com.au, 0402464190	100
Total Shares:	**100**

Holder Changes

Dealing	Status Date	From (Shares)	To (Shares)

Transfer 548605	Registered 01/03/2019 12:22:23	R.C.G. PTY LTD (100)	PAKK PTY LTD (100)

Applicants on Receival

Name and Address	Shares
R.C.G. PTY LTD C/- AUSTWIDE MINING TITLE MANAGEMENT PTY LTD, PO BOX 1434, WANGARA, WA, 6947	100
Total Shares:	100

DESCRIPTION DETAILS

Description

Block Type : **Effective From :**

Locality : Quinns Road

Datum : Datum is situated at GDA zone 50 6495041.732mN 379980.314mE

Boundary : thence:
Northing(m) Easting(m)
6495128.500mN 379914.420mE
6495214.319mN 379886.886mE
6495318.39mN 379885.24mE
6495336.73mN 379905.53mE
6495326.337mN 380024.227mE
6495318.467mN 380129.900mE
6495288.030mN 380129.600mE
6495294.490mN 380045.640mE
6495303.840mN 380044.830mE
6495307.97mN 379921.14mE
6495295.91mN 379906.98mE
6495212.310mN 379906.960mE
6495134.480mN 379933.920mE
6495087.900mN 379970.430mE
6495041.732mN 379980.314mE (back to datum)

Area :

Type	Dealing No	Start Date	Area
Vol. Part. Surrender	Partial Surrender - Voluntary 495014	06/10/2016	1.01700 HA
Granted		22/06/2015	1.02720 HA
Applied For		17/06/2014	1.02720 HA

RELATIONSHIPS

Relationships

Relationship	Dealing No	Dealing Status	Tenement ID	Tenement Status

State Agreement Conversions

Applicable Legislation	Effective Start	Effective End

SURVEY DETAILS

Survey

Surveyed Area	Surveyed Date	Surveyor`s Name	Field Book	Instruction Date	Project

Standard Plan **Diagram**

GENERAL DETAILS

General

Objection Closing Date : 22/07/2014
File Reference :
Receipt Number : 416818358704
Application Fee : $439.65
Survey Fee :

Special Indicator

Special Indicator	Start	End

SHIRE DETAILS

Shire

Shire	Shire No	Start	End	Area
WANNEROO CITY	8760	17/06/2014		1.01700 HA

NATIVE TITLE DETAILS

Native Title Referrals

Date Referred	Referral Type	Procedure	Current Status
18/07/2014	Tenement Application	Infrastructure	Infrastructure Procedure : Infrastructure Cleared Native Title

Infrastructure Details

Sec 24MD(6B) Notification Date : 08/08/2014
Sec 24MD(6B) Notification Close Date : 08/10/2014
Procedure Outcome : Infrastructure Cleared Native Title
Clearance Notification Date : 18/06/2015
Proposed Area to Grant : 1.03 HA
Centroid Latitude : 31° 40' 19" S
Centroid Longitude : 115° 43' 57" E
Locality : 33km N'ly of Perth
Purposes : a road

Objections

Objection Number	Objection Received Date	Claim	Determination Areas	Outcome	Outcome Date
NT1273	11/08/2014	WC2011/009		Objection Withdrawn	18/06/2015

Claims

Claim Name : Whadjuk People
NNTT Number : WC2011/009
Federal Court Number : WAD242/2011
Wholly Within : Yes
Claim Status : Registered

Determination Areas

Aboriginal Representative Area Bodies

Code	Region	Representative Body
15	South West	South West Aboriginal Land and Sea Council

GRANT DETAILS

Recommendation

Recommended for :

Grant

Granted : 22/06/2015 **Holder Notified :** **Licence/Lease issued :**

Term

Term : 21 Years **From :** 22/06/2015 **To :** 21/06/2036

ENDORSEMENTS/CONDITIONS DETAILS

Endorsements and Conditions

#	ENDORSEMENTS	Start Date	End Date
1	The Licensee's attention is drawn to the provisions of the Aboriginal Heritage Act 1972 and any Regulations thereunder.	22/06/2015	
2	The Licensee's attention is drawn to the Environmental Protection Act 1986 and the Environmental Protection (Clearing of Native Vegetation) Regulations 2004, which provides for the protection of all native vegetation from damage unless prior permission is obtained.	22/06/2015	
	In respect to Water Resource Management Areas (WRMA) the following endorsements apply:	22/06/2015	
3	The Licensee attention is drawn to the provisions of the: • Waterways Conservation Act, 1976 • Rights in Water and Irrigation Act, 1914 • Metropolitan Water Supply, Sewerage and Drainage Act, 1909 • Country Areas Water Supply Act, 1947 • Water Agencies (Powers) Act 1984 • Water Resources Legislation Amendment Act 2007	22/06/2015	
4	The rights of ingress to and egress from the mining tenement being at all reasonable times preserved to officers of Department of Water (DoW) for inspection and investigation purposes.	22/06/2015	
5	The storage and disposal of petroleum hydrocarbons, chemicals and potentially hazardous substances being in accordance with the current published version of the DoWs relevant Water Quality Protection Notes and Guidelines for mining and mineral processing.	22/06/2015	
	In respect to Artesian (confined) Aquifers and Wells the following endorsement applies:	22/06/2015	
6	The abstraction of groundwater from an artesian well and the construction, enlargement, deepening or altering of any artesian well is prohibited unless a current licence for these activities has been issued by the DoW.	22/06/2015	
	In respect to Waterways the following endorsement applies:	22/06/2015	
7	Advice shall be sought from the DoW if proposing any activity in respect to licence purpose within a defined waterway and within a lateral distance of: • 50 metres from the outer-most water dependent vegetation of any perennial waterway, and • 30 metres from the outer-most water dependent vegetation of any seasonal waterway.	22/06/2015	
	In respect to Proclaimed Ground Water Areas the following endorsement applies:	22/06/2015	
8	The abstraction of groundwater is prohibited unless a current licence to construct/alter a well and a licence to take groundwater has been issued by the DoW.	22/06/2015	

#	CONDITIONS	Start Date	End Date
1	The Licensee submitting a plan of proposed operations and measures to safeguard the environment to the Executive Director, Environment Division, DMP for assessment and written approval prior to commencing any development or construction.	22/06/2015	
2	Where surface disturbance activities are proposed on the licence which are not associated with development or construction proposals, the prior written approval of the Environmental Officer, DMP must be obtained before the use of drilling rigs, scrapers, graders, bulldozers, backhoes or other mechanised equipment for the proposed surface disturbance activities. Following approval, all topsoil being removed ahead of operations and separately stockpiled for replacement after backfilling and/or completion of operations.	22/06/2015	

#	CONDITIONS	Start Date	End Date
3	The road to be constructed using proper materials to suit the purpose for which it is being constructed, and further that it be constructed in a workman like manner and further that it be constructed to the satisfaction of the Environmental Officer, DMP.	22/06/2015	
4	The holder shall maintain the road from time to time as shall be required to ensure that it is safe for the purpose that it is constructed.	22/06/2015	
5	In areas of native vegetation within the tenement, no exploration activities commencing until the licensee provides a plan of management to prevent the spread of dieback disease (Phytophthera sp) to the Executive Director, Environment Division, DMP for assessment and until his written approval has been received. All exploration activities shall then comply with the commitments made in the management plan.	22/06/2015	
6	All Mining Act tenement activities prohibited within 200 metres of RAMSAR or ANCA listed wetlands unless written permission of the Department of Parks and Wildlife is first obtained.	22/06/2015	
	Consent to Mine on Neerabup National Park Reserve 27575 given subject to:	22/06/2015	
7	All activities, including access road construction and operation and measures to protect the environment being carried out in accordance with the Mining Proposal titled "Plan of Operations (Mining Proposal) L70/172 RCG Quinns Quarry Access Realignment, South West Mineral Field, Western Australia, Version 2 February 2015"	22/06/2015	
8	Access road closure and rehabilitation being carried out in accordance with the Mining Proposal titled "Mine Closure Plan L70/172 RCG Quinns Quarry Access Realignment, South West Mineral Field, Western Australia, Version 2 February 2015"	22/06/2015	
9	The access road is to be suitable fenced along its boundary with the Neerabup National Park to minimise adverse impacts from vehicle traffic, dust and weeds.	22/06/2015	
10	Access road drainage is to be directed away from Neerabup National Park	22/06/2015	
	In respect of the grant to the Licensee of this Licence ,the Native Title Group's consent pursuant to clause 18 of Schedule 10 of the Whadjuk People Indigenous Land Use Agreement(s) (relevant ILUA) to such grant is, as a condition precedent, subject to the Minister for Mines and Petroleum imposing the following condition:	22/06/2015	
11	As the Whadjuk People ILUA (relevant ILUA) applies to this Miscellaneous Licence , the Licensee must before exercising any of the rights, powers or duties pursuant to this Miscellaneous Licence over that portion of the area of land the subject of the relevant ILUA: (i) subject to paragraph (ii), execute and enter into in respect of this Miscellaneous Licence an Aboriginal Heritage Agreement (as defined in the relevant ILUA) with the Native Title Agreement Group or Regional Corporation (as the case requires) for the relevant ILUA on terms and conditions agreed by the Licensee and the Native Title Agreement Group or Regional Corporation (as the case may be) for the relevant ILUA (the Parties) or, failing such agreement being reached between the Parties within 20 Business Days of the commencement of negotiations, execute and enter into a NSHA subject only to any necessary modifications in terminology required for the tenure; (ii) where: A. the Parties have been unable to reach agreement on the terms and conditions of an Aboriginal Heritage Agreement under paragraph (i); and B. the Licensee executes a NSHA (subject only to any necessary modifications in terminology required for the tenure); and C. The Licensee provides a copy of the NSHA to the Native Title Agreement Group or Regional Corporation (as the case requires) for the relevant ILUA for execution; if the Native Title Agreement Group or Regional Corporation (as the case requires) does not execute the NSHA and provide a copy of the executed NSHA to the Licensee within 20 Business Days of receipt of the NSHA, the requirements of paragraph (i) do not apply; and (iii) provide to the Department of Mines and Petroleum a statutory declaration from the Licensee (or if the Licensee is a corporation, from a director of that corporation on its behalf)] in the form contained in Annexure U to the Settlement Terms (as defined in the relevant ILUA), as evidence that the Licensee has complied with the requirements of paragraph (i) of this condition or that paragraph (ii) of this condition applies."	22/06/2015	
12	Any alteration or expansion of operations within the licence boundaries beyond that outlined in the above document(s) not commencing until a plan of operations and a programme to safeguard the environment are submitted to the Executive Director, Environment Division, DMP for his assessment and until his written approval to proceed has been obtained.	29/06/2015	
13	The development and operation of the project being carried out in such a manner so as to create the minimum practicable disturbance to the existing vegetation and natural landform.	29/06/2015	
14	All topsoil and vegetation being removed ahead of all mining operations and being stockpiled appropriately for later respreading or immediately respread as rehabilitation progresses.	29/06/2015	

#	CONDITIONS	Start Date	End Date
15	At the completion of operations, all buildings and structures being removed from site or demolished and buried to the satisfaction of the Executive Director, Environment Division, DMP.	29/06/2015	
16	All rubbish and scrap is to be progressively disposed of in a suitable manner.	29/06/2015	
17	The licensee taking all reasonable measures to prevent or minimise the generation of dust from all materials handling operations, stockpiles, open areas and transport activities.	29/06/2015	
18	Where saline water is used for dust suppression, all reasonable measures being taken to avoid any detrimental effects to surrounding vegetation and topsoil stockpiles.	29/06/2015	
19	On the completion of operations or progressively when possible, all waste dumps, tailings storage facilities, stockpiles or other mining related landforms must be rehabilitated to form safe, stable, non-polluting structures which are integrated with the surrounding landscape and support self sustaining, functional ecosystems comprising suitable, local provenance species or alternative agreed outcome to the satisfaction of the Executive Director, Environment Division, DMP.	29/06/2015	
20	The Licensee submitting to the Executive Director, Environment Division, DMP, a brief annual report outlining the project operations, minesite environmental management and rehabilitation work undertaken in the previous 12 months and the proposed operations, environmental management plans and rehabilitation programmes for the next 12 months. This report is to be submitted each year in: • December	08/03/2017	
	~~The Licensee submitting to the Executive Director, Environment Division, DMP, a brief annual report outlining the project operations, minesite environmental management and rehabilitation work undertaken in the previous 12 months and the proposed operations, environmental management plans and rehabilitation programmes for the next 12 months. This report is to be submitted each year in:~~ • ~~April~~	29/06/2015	07/03/2017
21	~~A Mine Closure Plan is to be submitted in the Annual Environmental Reporting month specified in tenement conditions in the year specified below, unless otherwise directed by an Environmental Officer, DMP. The Mine Closure Plan is to be prepared in accordance with the "Guidelines for Preparing Mine Closure Plans" available on DMP's website:~~ • ~~2018~~	29/06/2015	21/09/2016
22	A Mine Closure Plan is to be submitted in the Annual Environmental Reporting month specified in tenement conditions in the year specified below, unless otherwise directed by the Executive Director Resource and Environmental Compliance Division, Department of Mines, Industry Regulation and Safety. The Mine Closure Plan is to be prepared in accordance with the Department's "Guidelines for Preparing Mine Closure Plans": • 2020	31/01/2020	
	~~A Mine Closure Plan is to be submitted in the Annual Environmental Reporting month specified in tenement conditions in the year specified below, unless otherwise directed by an Environmental Officer, DMP. The Mine Closure Plan is to be prepared in accordance with the "Guidelines for Preparing Mine Closure Plans" available on DMP's website:~~ • ~~2019~~	08/03/2017	30/01/2020
23	The construction and operation of the project and measures to protect the environment to be carried out in accordance with the document titled: • (MCP Reg ID 84496) "Mine Closure Plan - Quinns Quarry (M70/717) and (L70/172)" dated 09 January 2020 signed by Sarah Poulton, and retained on Department of Mines, Industry Regulation and Safety File No. EARS-MPMCP-84496 as Doc ID 7100196	31/01/2020	

DEALINGS DETAILS

Dealings

Application to Amend 454504

Encumbrances

Lodged:	11:03:57 11 September 2014
Amending:	Boundary
To:	thence: Northing(m) Easting(m) 6495128.500mN 379914.420mE 6495214.319mN 379886.886mE 6495318.39mN 379885.24mE 6495336.73mN 379905.53mE

		6495326.337mN 380024.227mE 6495318.467mN 380129.900mE 6495288.030mN 380129.600mE 6495294.490mN 380045.640mE 6495303.840mN 380044.830mE 6495307.97mN 379921.14mE 6495295.91mN 379906.98mE 6495212.310mN 379906.960mE 6495134.480mN 379933.920mE 6495087.900mN 379970.430mE 6495041.732mN 379980.314mE (back to datum)
	Amending:	Datum
	From:	Datum is situated at GDA zone 50 6495075.000 mN 379952.920mE
	To:	Datum is situated at GDA zone 50 6495041.732mN 379980.314mE
	RECORDED:	11:03:57 11 September 2014
Partial Surrender - Voluntary 495014	Lodged:	12:45:54 06 October 2016
	Portion Surrendered:	As delineated on plan attached to Partial Surrender - Voluntary 495014
	REGISTERED:	12:45:54 06 October 2016
Application to Amend 532358	Lodged:	14:18:01 08 June 2018
	Amending:	Address (Including DTC Details)
	From:	Principal Place of Business : R.C.G. PTY LTD, SAME AS CORRESPONDENCE and DTC :R.C.G. PTY LTD, C/- AUSTWIDE MINING TITLE MANAGEMENT PTY LTD, PO BOX 1434, WANGARA, WA, 6947
	To:	Principal Place of Business : R.C.G. PTY LTD, C/- AVIOR CONSULTING, LEVEL 11, 125 ST GEORGES TERRACE, PERTH, WA, 6000, kmeyn@aviorconsulting.com.au, 0861450700 and DTC :R.C.G. PTY LTD, KELLY MEYN, C/- AVIOR CONSULTING, LEVEL 11, 125 ST GEORGES TERRACE, PERTH, WA, 6000, kmeyn@aviorconsulting.com.au, 0861450700
	RECORDED:	14:18:01 08 June 2018
Caveat 542805	Lodged:	14:41:38 15 November 2018
	Caveat Type:	Absolute Caveat
	Caveator:	PAKK PTY LTD AS TRUSTEE FOR THE BRAJKOVICH SUPERANNUATION FUND
	Shares Caveated:	100/100 shares R.C.G. PTY LTD
	RECORDED:	14:41:38 15 November 2018
	WITHDRAWN:	12:09:57 01 March 2019
Application to Amend 543157	Lodged:	14:11:49 21 November 2018
	Amending:	Address (Including DTC Details)
	From:	Principal Place of Business : R.C.G. PTY LTD, C/- AVIOR CONSULTING, LEVEL 11, 125 ST GEORGES TERRACE, PERTH, WA, 6000, kmeyn@aviorconsulting.com.au, 0861450700 and DTC :R.C.G. PTY LTD, KELLY MEYN, C/- AVIOR CONSULTING, LEVEL 11, 125 ST GEORGES TERRACE, PERTH, WA, 6000, kmeyn@aviorconsulting.com.au, 0861450700
	To:	Principal Place of Business : R.C.G. PTY LTD, DEBLIN TENEMENT MANAGEMENT SERVICES, PO BOX 456, MOUNT HAWTHORN, WA, 6915, linda@deblin.com.au, 0402464190 and DTC :R.C.G. PTY LTD, THE TENEMENT MANAGER, DEBLIN TENEMENT MANAGEMENT SERVICES, PO

BOX 456, MOUNT HAWTHORN, WA, 6915, [redacted]

REJECTED: 14:11:49 21 November 2018

Withdrawal of Dealing 548601

Lodged: 12:09:57 01 March 2019
In respect to: Caveat 542805
RECORDED: 12:09:57 01 March 2019

BOND DETAILS

Bond	Surety	Amount	Bond date	Bond status	Bond status date

RENT DETAILS

Rent Payments

Type	Year	Receipt Date	Payment No	Receipt No	MR Lodged	Amount	Rental Area	Effective Date	Amount Due	Discrepancy
Payment	2021	10/06/2020	4571841792	54362592654	OL	$35.00	1.01700 HA	06/10/2016	$35.00	$0.00
Payment	2020	27/06/2019	3318687146	94789155940	OL	$33.00	1.01700 HA	06/10/2016	$33.00	$0.00
Payment	2019	11/09/2018	2584736116	EFT	OL	$31.20	1.01700 HA	06/10/2016	$31.20	$0.00
Payment	2018	18/05/2017		MT-210011072421-DD	OL	$30.20	1.01700 HA	06/10/2016	$30.20	$0.00
Payment	2017	06/07/2016		MT-210010630072-EF	OL	$29.20	1.02720 HA	22/06/2015	$29.20	$0.00
Payment	2016	17/06/2014		416818358704	OL	$27.80	1.02720 HA	22/06/2015	$27.80	$0.00

EXPENDITURE/EXEMPTION DETAILS

Expenditure is not required for this Legislation Type

COMBINED REPORTING DETAILS

C Number :
Project :
Reporting Date :
Affecting Period :

End of Search

ATTACHMENT 1B ASIC COMPANY EXTRACT

ASIC
Australian Securities & Investments Commission

Current Company Extract

Name: BRAJKOVICH LANDFILL & RECYCLING PTY LTD
ACN: 161 973 931

Date/Time: 29 March 2019 AEST 02:28:29 PM

This extract contains information derived from the Australian Securities and Investments Commission's (ASIC) database under section 1274A of the Corporations Act 2001.

Please advise ASIC of any error or omission which you may identify.

EXTRACT

Organisation Details		Document Number
Current Organisation Details		
Name:	BRAJKOVICH LANDFILL & RECYCLING PTY LTD	1E9038862
ACN:	161 973 931	
ABN:	13161973931	
Registered in:	Western Australia	
Registration date:	16/01/2013	
Next review date:	16/01/2020	
Name start date:	16/01/2013	
Status:	Registered	
Company type:	Australian Proprietary Company	
Class:	Limited By Shares	
Subclass:	Proprietary Company	

Address Details	Document Number
[redacted]	

Contact Address

Section 146A of the Corporations Act 2001 states 'A contact address is the address to which communications and notices are sent from ASIC to the company'.

Current

Address:	PO BOX 221, MOUNT HAWTHORN WA 6915
Start date:	15/05/2014

Officeholders and Other Roles	Document Number
Director	
[redacted]	
Secretary	
[redacted]	

Share Information

Share Structure

Class	Description	Number issued	Total amount paid	Total amount unpaid	Document number
ORD	ORDINARY SHARES	100	100.00	0.00	1E9038862

Members

Note: For each class of shares issued by a proprietary company, ASIC records the details of the top twenty members of the class (based on shareholdings). The details of any other members holding the same number of shares as the twentieth ranked member will also be recorded by ASIC on the database. Where available, historical records show that a member has ceased to be ranked amongst the top twenty members. This may, but does not necessarily mean, that they have ceased to be a member of the company.

Name: BRAJKOVICH L.R.T PTY LTD
ACN: 169 970 361
Address: Unit 3, 24 Walters Drive, OSBORNE PARK WA 6017

Class	Number held	Beneficially held	Paid	Document number
ORD	100	no	FULLY	7E7823337

Documents

Note: Where no Date Processed is shown, the document in question has not been processed. In these instances care should be taken in using information that may be updated by the document when it is processed. Where the Date Processed is shown but there is a zero under No Pages, the document has been processed but a copy is not yet available.

Date received	Form type	Date processed	Number of pages	Effective date	Document number
29/03/2016	484N Change To Company Details Changes To (Members) Share Holdings	29/03/2016	2	29/03/2016	7E7823337

*****End of Extract of 2 Pages*****

ATTACHMENT 1C AUTHORISATION TO ACT AS REPRESENTATIVE OF THE OCCUPIER

LETTER OF AUTHORITY

Dear Sir/Madam,

RE: AUTHORITY TO SUBMIT LICENCE RENEWAL APPLICATION FOR L7038/1997/13

The undersigned, as licence holder of L7038/1997/13 and director of company Brajkovich Landfill and Recycling Pty Ltd, hereby authorises Site Environmental and Remediation Services (SERS) to submit the aforementioned licence renewal application.

Yours Sincerely,

[redacted]

Adrian Brajkovich

Brajkovich Landfill & Recycling Pty Ltd
ACN 658 651 337
DIRECTOR

Date: 19th December 2025

ATTACHMENT 2 PREMISES MAP

Figure 1: Site Location

SERS
Site Environmental & Remediation Services
Head Office: 281 Newcastle Street Northbridge WA 6003
Postal: PO Box 377 Northbridge Perth WA 6865
T: +61 8 92202000 F: +61 8 92202010
E: admin@sers.net.au W: www.sers.net.au

Job No: 004
Client: Adrian Brajkovich
Address: 220 Hester Avenue, Neerabup

Scale: 1:4,500
Original size: A3
Imagery from: 27/10/2018
Source: Nearmaps

Date drawn: 30/11/2020
Revision: 0
Drawn by: A.C
Checked by: R.M

N

File: N:\A SERS\GIS\Projects\ MXD\

Legend

- BCG Premises
- Site Boundary
- Leighton's Premises

Figure 2: Site Layout

SERS
Site Environmental & Remediation Services
Head Office: 281 Newcastle Street Northbridge WA 6003
Postal: PO Box 377 Northbridge Perth WA 6865
T: +61 8 92202000 F: +61 8 92202010
E: admin@sers.net.au W: www.sers.net.au

Job No: 161508	Scale: 1:6,000	Date drawn: 20/07/2020	N
Client: PAKK Pty Ltd	Original size: A3	Revision: 6	
Address: 220 Hester Avenue, Neerabup	Imagery from: 10/05/2020	Drawn by: S.P	
	Source: Nearmaps	Checked by: R.M	

File: N:\A SERS\GIS\Projects\ MXD\

Legend

- MB1 Well
- Current Landfill Area
- Green Waste
- Plant Maintenance Area
- Drill Slurry Drying Bed
- Processing Area (Crusher and Screener)
- Inert Waste Type 2
- BCG Premises
- Site Boundary
- Site Access
- Weighbridge
- Site Amenities
- Product Stockpile
- Asbestos Cell

ATTACHMENT 5 OTHER APPROVALS AND CONSULTATION DOCUMENT

Our Ref : 30-50329-5
Your Ref : [redacted]

Site Environmental And Remediation Services
281 Newcastle Street
NORTHBRIDGE WA 6003

Application for Approval to Commence Development plans dated 30 August 2021 received 30 August 2021.

Lot Number	:	11553
Location	:	-
Plan / Diagram	:	217813
Volume/Folio	:	LR 3096/207
Locality	:	220 Hester Avenue Neerabup
Owner	:	Department of Planning, Lands and Heritage C/- Department of Mines, Industry Regulation and Safety EAST PERTH WA 6004

Under the provisions of the *Planning and Development Act 2005* this application has been referred for determination by the Western Australian Planning Commission.

The application has now been considered by the Commission and the formal notice setting out the terms of the decision is attached.

A copy of this decision has been forwarded to the Local Government for information.

Should the applicant be aggrieved by this decision there is a right to apply for a review pursuant to the provisions of Section 252 of the *Planning and Development Act 2005*. Such an application for review must be submitted to the State Administrative Tribunal, Level 6, State Administrative Tribunal Building, 565 Hay Street, PERTH WA 6000 in accordance with Part 14 of the *Planning and Development Act 2005*. It is recommended that you contact the State Administrative Tribunal for further details (telephone 9219 3111) or go to its website: http://www.sat.justice.wa.gov.au.

140 William Street, Perth, Western Australia 6000, Locked Bag 2506 Perth, 6001
Tel: (08) 6551 8002; Fax: (08) 6551 9001; Infoline: 1800 626 477
e-mail: info@dplh.wa.gov.au; web address http://www. dplh.wa.gov.au
ABN 35 482 341 493

Western Australian Planning Commission

ADVICE TO APPLICANT

1. The applicant is advised that all necessary permits, licences and permissions (which may include a licence issued under the *Wildlife Conservation Act 1950* and/or permit issued under the *Environmental Protection (Clearing of Native Vegetation) Regulations 2004* are to be obtained prior to the clearing of vegetation.

2. Main Roads WA advised the following:

   a. Main Roads is currently undertaking the Mitchell Freeway Extension (Hester Avenue to Romeo Road). The applicant must ensure that the existing access road servicing the development be outside of land reserved as Primary Regional Road under the Metropolitan Region Scheme.

   b. The applicant is advised to ensure that heavy vehicles accessing the site must use the roads that have been approved by Main Roads WA for the use of heavy vehicles.

   c. The applicant is advised to contact Main Roads WA for any potential works within the Hester Avenue road reserve.

[redacted]
Secretary
Western Australian Planning Commission

12 November 2021

140 William Street, Perth, Western Australia 6000, Locked Bag 2506 Perth, 6001
Tel: (08) 6551 8002; Fax: (08) 6551 9001; Infoline: 1800 626 477
e-mail: info@dplh.wa.gov.au; web address http://www.dplh.wa.gov.au
ABN 35 482 341 493

Our Ref : 30-50329-5
Enquiries : [redacted]

PLANNING AND DEVELOPMENT ACT 2005

City of Wanneroo

APPROVAL TO COMMENCE DEVELOPMENT

Name and Address of Owner and Land on which Development Proposed:

Owner	:	Department of Planning, Lands and Heritage C/- Department of Mines, Industry Regulation and Safety EAST PERTH WA 6004
Lot Number	:	11553
Location	:	-
Plan / Diagram	:	217813
Volume/Folio	:	LR 3096/207
Locality	:	220 Hester Avenue Neerabup
Application Date	:	30 August 2021
Application Receipt	:	30 August 2021
Development Description	:	Continuation of Operational Activities

The application for approval to commence development in accordance with the plans submitted thereto is granted subject to the following conditions:

1. This approval shall be valid until 30 September 2026.

2. Unless alternative hours are agreed to the hours of operation for the approved development shall be as follows:

   a) crushing shall be limited to 0700 - 1700 hours, Monday to Friday and between 0700 - 1300 on Saturday;

   b) Loading and movement of trucks into and out of the site, clearing, establishment, excavation works and all other operations not referred to shall be limited to 0630 - 1700 hours, Monday to Friday and 0700 - 1300 on Saturday; and landfill open between 0800 - 1530 on Sundays,

   to the satisfaction of the Western Australian Planning Commission.

140 William Street, Perth, Western Australia 6000, Locked Bag 2506 Perth, 6001
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ABN 35 482 341 493

3. Development on the subject site shall comply with the Environmental Management Plan and Asbestos Management Plan for Landfill to the specifications of the City of Wanneroo and to the satisfaction of the Western Australian Planning Commission.

4. The Disturbance Area shall be progressively rehabilitated when final contour levels and grades for each stages are achieved and within 18 months of the closure of each stage, with such rehabilitation being in accordance with the Monitoring of Rehabilitation of Neerabup Quarry Management Plan to the specifications of the City of Wanneroo and to the satisfaction of the Western Australian Planning Commission.

5. The site shall be fenced and the existing fencing upgraded and maintained to restrict public access to the site at all times to the satisfaction of the Western Australian Planning Commission.

6. The applicant is required to provide a Geotechnical Risk Assessment and Karstic Features Management Plan to the specifications of the City of Wanneroo and to the satisfaction of the Western Australian Planning Commission. If the Geotechnical Risk Assessment identifies cavities as being present, extractive industry and fill operations as identified as potentially being impacted by cavities or another identified risk shall not occur.

7. Within 12 months of this approval and thereafter on an annual basis, the landowner shall submit a Predictive Contour Plan and Rehabilitation Plan, to illustrate the intended depth and direction of excavation and extent of rehabilitation in the coming 12-month period to the specifications of the City of Wanneroo and to the satisfaction of the Western Australian Planning Commission.

8. Dust mitigation measures being used in accordance with the Dust Management Plan to minimise dust nuisance to neighbours and surrounding land uses to the specifications of the City of Wanneroo and to the satisfaction of the Western Australian Planning Commission.

9. The landowner shall ensure that all approved activities are in accordance with the noise management, suppression and mitigation measures contained in the Noise Impact Assessment and ensure that the requirements of the *Environmental Protection (Noise) Regulations 1997* are complied with at all times to the specification of the City of Wanneroo and to the satisfaction of the Western Australian Planning Commission. If at any time compliance with the *Environmental Protection (Noise) Regulations 1997* cannot be maintained; the operations on site shall immediately cease until such time that operations can comply with the aforementioned Regulations.

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Western Australian Planning Commission

10. To ensure that the amenity of nearby residences are not unduly interfered with, vehicles, equipment and machinery used on the site shall not use reversing alarms unless those alarms are required for the safe conduct of operations on the site (in accordance with the provisions of the *Occupational Safety and Health Regulations 1996* and the *Environmental Protection (Noise) Regulations 1997) to the specification of the City of Wanneroo and to the satisfaction of the Western Australian Planning Commission.*

11. All activities pertaining to any vehicle or equipment wash-down or servicing shall be confined to a wash down area with a pollutant trap to the specifications of the City of Wanneroo and to the satisfaction of the Western Australian Planning Commission.

If the development the subject of this approval is not substantially commenced within a period of five years from the date of this letter, the approval shall lapse and be of no further effect. Where an approval has so lapsed, no development shall be carried out without the further approval of the responsible authority having first been sought and obtained.

[redacted]
Secretary
Western Australian Planning Commission

12 November 2021

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ABN 35 482 341 493

ATTACHMENT 6A EMISSIONS AND DISCHARGE
(Noise and Dust Management Plan)

NOISE MANAGEMENT PLAN

220K HESTER AVENUE, NEERABUP WA

PREPARED FOR

Brajkovich Landfill & Recycling Pty Ltd

PREPARED BY

Site Environmental & Remediation Services (WA) Pty Ltd
281 Newcastle Street Northbridge WA 6003
95 Sandgate Road Albion QLD 4010
5/2 Bennett Street Mortlake NSW 2137

DOCUMENT CONTROL SHEET

ISSUED BY:	Site Environmental & Remediation Services (WA) Pty Ltd
	281 Newcastle Street Northbridge WA 6003
	95 Sandgate Road Albion QLD 4010
	5/2 Bennett Street Mortlake NSW 2137
CLIENT:	Brajkovich Landfill & Recycling Pty Ltd
PROJECT:	Renewal of L7038/19897/13
TITLE:	Noise Management Plan
REFERENCE:	004-25 L7038-1997-13 NMP_032026
STATUS:	Final
REPORT DATE:	12 March 2026

DOCUMENT PRODUCTION RECORD

	NAME	SIGNATURE
PREPARED BY	[redacted]	[redacted]
CHECKED / APPROVED BY		

DOCUMENT REVISION RECORD

ISSUE NUMBER	DATE	REVISION DETAILS
1	12th March 2026	For internal review

CONTENTS

LIST OF TABLES

REPORTING LIMITATIONS

This Environmental Management Plan has been prepared by Site Environmental & Remediation Services (WA) Pty Ltd (hereafter "the Company") for the sole use of **Brajkovich Landfill & Recycling Pty Ltd** (hereafter "the Client") in accordance with the scope of services outlined in our proposal and agreed with the client. The findings and conclusions presented in this report are based on information available at the time of investigation and research, including site conditions, laboratory analysis, and other relevant data.

This report is confined to the specific project site outlines and intended purposes set forth in our proposal. The Company assumes no responsibility for any reliance on this report by parties other than the Client.

The sampling and analysis of soils, water, sediment or air conducted for this report adhere to standard practices and protocols recognised in Australia. However, variations in soil properties and contaminant distribution are possible, and the Company cannot guarantee the completeness or accuracy of the analysis outcomes.

This document relies on information provided by the Client, third-party data sources, and results from laboratory analyses. The Company has made reasonable efforts to verify the information; however, it assumes no responsibility for inaccuracies or incomplete data supplied by third parties.

Any limitations of third-party information must be considered when utilised in future assessments or developments.

The report aims to identify potential environmental and health hazards based on current site use conditions. However, unidentified contamination or unforeseen impacts may still present risks, and thus, continuous monitoring and assessments are recommended.

The Company does not guarantee the absence of pollutants or other risks outside the sampled areas. The recommendations provided herein should be implemented to mitigate known risks and should not be considered exhaustive.

All investigation procedures comply with Australian environmental legislation and guidelines at the time of the report. It is the Client's responsibility to ensure ongoing compliance with relevant regulations and to update the investigation if site conditions change.

The Company is not liable for any legal consequences arising from the use or misuse of this report outside its intended scope.

Future use of this report or its contents by the Client or any other party must recognise the dynamic nature of environmental conditions, legislative updates, and methodological advancements.

Any modification or partial use of the report must obtain prior written consent from the Company to maintain the integrity and accuracy of the information presented.

ABBREVIATIONS

ABBREVIATION	DEFINITION
Accredited Laboratories	A testing laboratory accredited by the National Association of Testing Authorities, Australia (NATA) or similar accreditation authority, or otherwise granted recognition by NATA, either solely or in conjunction with one or more other persons
ACM	Means any material or thing that, as part of its design, contains asbestos. (Asbestos Containing Material)
ACT	Australian Capital Territory
ADWG	Australian Drinking Water Guidelines
AF	Asbestos Fines
AHD	Australian Height Datum
Asbestos	means the fibrous form of mineral silicates belonging to the serpentine and amphibole groups of rock-forming minerals, including actinolite, amosite (brown asbestos), anthophyllite, chrysotile (white asbestos), crocidolite (blue asbestos), tremolite, or any mixture containing one or more of the mineral silicates belonging to the serpentine and amphibole groups
Asbestos Removal Work	means the removal of ACM.
Assigned Noise Levels	are the maximum allowable noise limits set by environmental regulations that must not be exceeded at the boundary of certain types of premises (such as residential or commercial properties). These levels are specified to protect people from unwanted or excessive noise disturbance under the Environmental Protection (Noise) Regulations 1997 in Western Australia
ASS	Acid Sulphate Soils
Client	Brajkovich Landfill & Recycling Pty Ltd
COC	Chain of Custody
Competent Person	A person possessing adequate qualifications, such as suitable training and sufficient knowledge, experience and skill, for the safe performance of the specific work

ABBREVIATION	DEFINITION
Contractor	The persons or body corporate that has undertaken to carry out the works, and includes the contractor's permitted assigns, successors, legal representatives, and subcontractors.
Controls	In the process of implementing asbestos materials management, it is fundamental that any identified asbestos situations have controls determined to prevent personnel from being placed at risk. These controls include, but are not necessarily limited to: 1. Elimination/substitution 2. Engineering controls 3. Administrative controls 4. Personal protective equipment
COPC	Chemicals/Contaminants of Potential Concern
CoT	Certificates of Title
CSM	Conceptual Site Model
DMP	Dust Management Plan
Environmental Consultant	Site Environmental & Remediation Services Pty Ltd (SERS)
EP Act	Environmental Protection Act WA 1996 (as amended)
EP Regulation	Environmental Protection Regulation
JSA	Job Safety Analysis
NATA	A testing laboratory accredited by the National Association of Testing Authorities
NEPM	National Environmental Protection Measures
NSW	New South Wales
NT	Northern Territory
NMP	Noise Management Plan
NVMP	Noise and Vibration Management Plan

ABBREVIATION	DEFINITION
PM1	All particles with a diameter of equal to or less than 1 micron.
PM2.5	All particles with a diameter of equal to or less than 2.5 microns.
PM4	All particles with a diameter of equal to or less than 4 microns.
PM10	All particles with a diameter of equal to or less than 10 microns.
PM100	All particles with a diameter of equal to or less than 100 microns.
PPE	Equipment and clothing that is used or worn by an individual person to protect themselves against, or minimise their exposure to, workplace risks. It includes items such as facemasks and respirators, coveralls, goggles, helmets, gloves and footwear.
Predicted Noise Levels	are the estimated sound levels at specific locations (usually at noise-sensitive premises or site boundaries) calculated *before* an activity or development takes place. These predictions are usually made as part of an environmental noise assessment to determine whether proposed operations or changes will comply with assigned or prescribed noise limits set by regulations.
QA/QC	Quality Assurance / Quality Control
QLD	Queensland
Regulations	Include all provisions given force of law by the competent authority or authorities
Risk	means the likelihood of a hazard causing harm to a person.
Sensitive Receptor	are identified as places where noise is measured to assess compliance with environmental standards or to determine potential impacts from a proposed project or activity.
SERS	Site Environmental and Remediation Services (WA) Pty Ltd
Site	220K Hester Avenue Neerabup WA 6031
Superintendent	N/A

ABBREVIATION	DEFINITION
Synthetic Mineral Fibre (SMF)	Synthetic Mineral Fibres (SMF) is a general term used to describe several fibrous materials made from glass, rock, alumina and silica. SMF is widely used commercially in construction and residential dwellings as insulation, reinforcement for cement, plaster and plaster materials. SMF is a hazardous substance defined under Part 6 of the Safety Standards Regulations
VIC	Victoria
WA	Western Australia

1. INTRODUCTION

Site Environmental and Remediation Services (SERS) has been engaged by Brajkovich Landfill & Recycling (BLR) to prepare a Noise Management Plan (NMP) in support of the renewal application for the Site located at 220 Hester Avenue, Neerabup (the Site, refer to **Figure 1**). The Site is situated on unallocated Crown land and requires a mining tenement to operate. It was previously utilised as a limestone quarry by RCG until excavation activities ceased in 2014, after which landfill operations became the primary land use. BLR acquired the Site in 2018 following RCG's liquidation. The proposed future use of the Site includes operation as a Solid Waste Depot, Class 1 inert landfill, and associated crushing and screening activities.

The Site is located approximately 36 km north of the Perth CBD within the City of Wanneroo. It is zoned 'Parks and Recreation' under the Metropolitan Region Scheme (MRS) and is predominantly surrounded by the Neerabup National Park to the north, east, and south. This broader area forms part of Bush Forever Site 383, which also includes the Lake Gnowerup Nature Reserve. To the west, the Site adjoins the Mitchell Freeway, zoned 'Roads and Infrastructure', opposite the residential suburb of Clarkson.

BLR, a subsidiary of the Brajkovich Group, specialises in resource recovery and recycling. As part of the planning approval process, BLR proposes to use the Site for continued resource recovery activities, consistent with the Waste Avoidance and Resource Recovery Act 2007 (WARR Act). This includes progressively returning the land to near-original contours through landfill operations and rehabilitating the area to achieve vegetation conditions compatible with surrounding bushland. The long-term objective aligns with the MRS '*Parks and Recreation'* zoning, defined as land of regional significance for ecological, recreational, or landscape purposes.

The nearest sensitive receptors include residential properties located approximately 140 m west of the Site boundary and a commercial area situated roughly 540 m to the east. **Figure 2** provides an overview of these buffer zones and receptor locations. This Noise Management Plan has been prepared to assess noise emissions associated with the proposed operations and to determine compliance with the *Environmental Protection (Noise) Regulations 1997*.

1.1 OBJECTIVE

The objective of this NMP is to support the renewal of licence L7038/1997/13 and define the procedures required to minimise operational noise impacts on surrounding receptors.

1.2 SCOPE OF WORK

- To meet the objective outlined above, the following will be outlined within this NMP:
- Industry best practice management strategies to minimise the generation of noise associated with screening and crushing works on site
- Management and mitigation measures to assist with containing noise emission within the site boundaries
- The process for the provision of an effective communication link between the site works and the nearest sensitive receptors (residential neighbours)
- Control and contingency measures proposed for the site.

2. SITE DETAILS

The site is located approximately 36km north of Perth CBD. It is surrounded by the Neerabup National Park to the north, east and south and a residential area (Clarkson) to the west. The entrance is located to the north on Hester Avenue, a category A distributor road, which intersects three primary distributor roads (Mitchell Freeway, Wanneroo Road and Marmion Avenue). These areas have been zoned as 'Parks and Recreation', 'Roads and Infrastructure', 'Commercial' and 'Residential' under the Metropolitan Regional Scheme. Further site details have been detailed below in **Table 2.1**.

TABLE 2-1 ADMINISTRATIVE SITE DETAILS

ASPECTS OF SITE	SUMMARY OF CHARACTERISTICS
Address	220k Hester Avenue, Neerabup
Site Size	25.54 hectares
Licence application area size (for noise management)	25.54 hectares
Neighbouring Land Use	Residential, major Road, Parks and Recreation
Local Planning Scheme Zoning	No LPS classification. Alternative City of Wanneroo's Developmental Planning Scheme Rural: Parks and Recreation
Metropolitan Regional Scheme Land Use Zoning	Park and Recreation

TABLE 2-2 ENVIRONMENTAL SITE DETAILS

ASPECTS OF THE SITE	SUMMARY OF CHARACTERISTICS
Flora	The site has previously been cleared of native vegetation, and the site has operated as limestone quarry before transitioning to a landfill and beginning rehabilitation. An estimated 9 of the 25 hectares of land had been rehabilitated. There has been one Priority 2 species (*Acacia benthamii*) identified within a 1km radius of the site.
Fauna	1 threatened species (*Calyptorhynchus latirostris; Carnaby Cockatoo*) has been identified within 1 km radius of the site.
Wetland	Lake Neerabup (Bush Forever Site 383) approximately 1km east Lake Gnowergup (Bush Forever Site 384) approximately 4.5km to the north-west
Conservation Area	Neerabup National Park immediately adjacent to the east
Depth to Groundwater	Groundwater ranges from a depth of 32.0m in the portion of the site to 45m in the central area (SLIP Locate V5, 2026)

ASPECTS OF THE SITE	SUMMARY OF CHARACTERISTICS
Public Drinking Water Source Area (PDWSA)	Perth Groundwater Atlas (March 2026) indicates that the site is within a proclaimed public drinking water catchment area.
Topography	The site predominately lies between 40 and 50 AHD in most areas of the site. There is a small area in the south-eastern corner that falls within 35 AHD and a small area on the central eastern border that falls within 55 AHD.
Sensitive Receptors	Residential properties are located approximately 140m west of the site. Approximately 540m to the east is a commercial district and environmental receptors surround the property in the northern, eastern and southern boundaries.
Aboriginal Heritage	The site falls in the boundaries of "Other Heritage Place 3693, Lake Neerabup". 2 Registered Aboriginal Heritage Sites are within an 2km radius: - "Registered Aboriginal Site 3567, Mindarie Wauga" - "Registered Aboriginal Site 4404, Orchestra Shell Cave".

2.1 DISTANCE FROM PROPOSED LICENCED AREA TO NOISE SENSITIVE RECEPTORS

The Environmental Protection Authority (EPA) *Guidance for the Assessment of Environmental Factors No.3* (June 2005), *Separation Distances between Industrial and Sensitive Land Uses*, indicates that a 150m buffer if required with an internal separation distance of 25m from the site boundary. In accordance with Environmental Protection (Noise) Regulation 1997, the distance to noise sensitive premise is measured from the boundary of the proposed prescribed premise to the boundary of the residential Lot.

Table 2.3 identified 40 residential properties as the nearest residential sensitive receptors within 180m of the site boundary.

TABLE 2-*3* NOISE RECEPTORS AROUND THE SITE

RECEPTOR	DESCRIPTION	LOCATION	PROXIMITY TO THE SITE BOUNDARY	PROXIMITY TO OPERATIONS
1	Residential	23 Lenswood Retreat, Clarkson	175m	435m
2	Residential	6 Balin Lane, Clarkson	180m	415m
3	Residential	4 Balin Lane, Clarkson	180m	410m
4	Residential	2 Balin Lane, Clarkson	170m	391m
5	Residential	34 Redbank Rise, Clarkson	165m	380m
6	Residential	32 Redbank Rise, Clarkson	165m	370m
7	Residential	30 Redbank Rise, Clarkson	160m	350m
8	Residential	28 Redbank Rise, Clarkson	160m	350m

RECEPTOR	DESCRIPTION	LOCATION	PROXIMITY TO THE SITE BOUNDARY	PROXIMITY TO OPERATIONS
9	Residential	26 Redbank Rise, Clarkson	170m	340m
10	Residential	24 Redbank Rise, Clarkson	160m	325m
11	Residential	22A Redbank Rise, Clarkson	155m	290m
12	Residential	22B Redbank Rise, Clarkson	160m	280m
13	Residential	75 Liberty Drive, Clarkson	155m	270m
14	Residential	79 Liberty Drive, Clarkson	155m	260m
15	Residential	81 Liberty Drive, Clarkson	155m	260m
16	Residential	83 Liberty Drive, Clarkson	150m	250m
17	Residential	85 Liberty Drive, Clarkson	160m	260m
18	Residential	87 Liberty Drive, Clarkson	150m	260m
19	Residential	89 Liberty Drive, Clarkson	155m	260m
20	Residential	91 Liberty Drive, Clarkson	150m	260m
21	Residential	93 Liberty Drive, Clarkson	155m	240m
22	Residential	95 Liberty Drive, Clarkson	150m	245m
23	Residential	97 Liberty Drive, Clarkson	150m	250m
24	Residential	99 Liberty Drive, Clarkson	150m	260m
25	Residential	101 Liberty Drive, Clarkson	150m	260m
26	Residential	103 Liberty Drive, Clarkson	150m	270m
27	Residential	105 Liberty Drive, Clarkson	150m	280m

RECEPTOR	DESCRIPTION	LOCATION	PROXIMITY TO THE SITE BOUNDARY	PROXIMITY TO OPERATIONS
28	Residential	107 Liberty Drive, Clarkson	150m	290m
29	Residential	109 Liberty Drive, Clarkson	150m	300m
30	Residential	111 Liberty Drive, Clarkson	150m	310m
31	Residential	113 Liberty Drive, Clarkson	150m	335m
32	Residential	115 Liberty Drive, Clarkson	145m	350m
33	Residential	117 Liberty Drive, Clarkson	150m	360m
34	Residential	119 Liberty Drive, Clarkson	150m	375m
35	Residential	121 Liberty Drive, Clarkson	155m	390m
36	Residential	123 Liberty Drive, Clarkson	150m	400m
37	Residential	125 Liberty Drive, Clarkson	150m	410m
38	Residential	127 Liberty Drive, Clarkson	155m	430m
39	Residential	129 Liberty Drive, Clarkson	150m	435m
40	Residential	131 Liberty Drive, Clarkson	150m	450m

3. DESCRIPTION OF NOISE GENERATING WORKS

There are two main sources of noise from the development. These include the operation machinery (Screener, crusher, loaders, and an excavator), and the routine use of vehicles for the transport of materials. Noise minimization strategies incorporating Industry Best Practice procedures and controls will be adopted to all noise generating activities at the site. When managing the generation of noise, the most effective method is to ensure work practices generate minimal noise by using alternative equipment or with the use of silencer or muffler devices.

3.1 EQUIPMENT AND MACHINERY

The following machinery is also proposed to be present during the proposed works:

- Screener
- Excavator
- Crusher and
- 2 x Front and Loader

3.2 OPERATING HOURS

The proposed work will be conducted between the hours of 7am and 6pm Monday to Friday and 7am to 3.30pm Saturday. No work is proposed for Sundays and Public Holidays

3.3 STOCKPILING

It is proposed that stockpiling will be south and east of the processing area. As such, the size of these stockpiles will aid in noise mitigation by diverting the direct noise from the Screener operations. As the loader and excavators will be utilized in the stocking works, it is expected that the noise from their operations will be inhibited by the large area of dense vegetation that surrounds the site from both directions.

3.4 VEHICLE MOVEMENTS

It is proposed that a maximum of 240 heavy vehicle movements per day are mobilized to the Site (120 in and 120 out). In terms of small vehicle movements, there are to be 12 site staff as part of these works, therefore their access and egress will be accounted for with 24 movements.

4. NOISE STANDARDS

4.1 ENVIRONMENTAL PROTECION (NOISE) REGULATIONS

The Environmental Protection (Noise) Regulations 1997 (As amended) (hereby known as 'the Regulation'), regulates the level of noise emitted from any premises or public place that can be received at other premises. Regulations 7 and 8 (from the Noise Regulations), stipulated the maximum allowable external noise level with the combination of base level (as outlines in Table 4.1), to an Influencing Factor (IF). The influencing factor is calculated based on the land use within 100m and 450m from each premise concerned (**Figure 2**).

TABLE 4-1 BASELINE ASSIGNED OUTDOOR NOISE LEVEL

TYPE OF PREMISES RECEIVING NOISE	TIME OF DAY	ASSIGNED LEVEL (DB)		
		L_{A10*}	L_{A1**}	L_{AMAX**}
Noise sensitive premises: highly sensitive area	0700 and 1900 hours Monday to Saturday	45+IF	55+IF	65+IF
	0900 to 1900 hours Sun and Public Holidays	40+IF	50+IF	65+IF
	1900 to 2200 hours all days	40+IF	50+IF	55+IF
	2200 to 0700 Mon to Sat 2200 to 0900 Sunday and Public Holidays	35+IF	45+IF	55+IF
Noise sensitive premises: any area other than highly sensitive area	All hours	60	75	80
Commercial premises	All hours	60	75	80
Industrial and utility premises other than those in the Kwinana Industrial area	All hours	75	85	90

**L_{A10}- a noise level not to be exceeded for more than 10% of the time i.e., over a five-hour work shift for not more than 30 minutes*

***L_{A1}- a noise level not to be exceeded for more than 1% of the time i.e., over a five-hour work shift for not more than 3 minutes*

***L_{Amax}- a noise not to be exceeded at any time*

4.2 SENSITIVE PREMISES DEFINED IN REGULATION

When determining assigned levels for each sensitive receptor and estimating the noise impacts of excavation works being undertaken at the site, land use will be categorized into noise-sensitive, commercial and industrial land uses, as defined in Schedule 1 of the Regulations.

4.3 DETERMINATION OF ASSIGNED LEVELS FOR NOISE-SENSITIVE PREMISES

Industrial (I)

$$I = \frac{\%\ \text{industrial within 100m buffer} + \%\ \text{industrial within 450m buffer}}{10}$$

Commercial (C)

$$C = \frac{\%\ \text{commercial within 100m buffer} + \%\ \text{commercial within 450m buffer}}{20}$$

Transport Factor

The impact of traffic in the vicinity is considered when determining the noise influencing factor. Roads are graded based on their proximity to the site and volume of traffic that they carry. The influencing factor is calculated as follows:

- Major roads (carrying more than 15,000 vehicles per day) within 100 metres of the site have a transport factor of 6
- Major roads within 450 metres of the site have a transport factor of 2
- Minor roads (carrying 6,000 – 15,000 vehicles per day) within 100 metres of the site have a transport factor of 2.

NOTE: The transport factor cannot exceed 6.

Influencing Factor

The calculations incorporate background noise, represented as an influencing factor (IF) which reflects the site characteristics.

Influencing Factor = I + C + IF

TABLE 4-2 CALCULATION OF INFLUENCING FACTOR

RECEPTOR	INDUSTRIAL (%)		COMMERCIAL (%)		TRANSPORT FACTOR DB		TOTAL (DB)
	100m	450m	100m	450m	100m	450m	
1-40	0	20	0	0	6	-	8

4.4 FURTHER REQUIREMENTS OF THE REGULATIONS

It is a requirement (under the Regulations) that received noise (at any noise sensitive location), be free of annoying characteristics (tonality, modulation and impulsiveness), defined below, (as per Regulation 9). Further definitions (as outlined in the Regulations) for these characteristics are outlined below.

Impulsiveness means a variation I the emission of a noise where the difference between $L_{A\text{-peak}}$ and $L_{A\text{-Slow max}}$ is more than 15dB when determined for a single representative event

Modulation means a variation in the emission of noise that –

a) Is more than 3dB $L_{A\,Fast}$ or is more than 3dB $L_{A\,Fast}$ in any one-third octave band; and
b) Is present for at least 10% of the representative's assessment period; and
c) Is regular, cyclic and audible.

Tonality means the presence in the nose of tonal characteristics where the difference between-

a) The A-weighted sound pressure level in any one-third octave band; and
b) The arithmetic average of the A-weighted sound pressure level in the 2 adjacent one-third octave bands, is greater than 3dB when the sound pressure level are determined as $L_{Aeq\,T}$ levels where the ime period T is greater than 10% of the representative assessment period, or greater that 8 dB at any time when the sound pressure levels are determined as $L_{A\,Slow}$ level.

Where the noise emission is not music, the above characteristics exist, and cannot be practically removed, then any measured level is adjusted according to **4.3.**

TABLE 4-3 ADJUSTMENT TO MEASURED LEVEL

WHERE TONALITY IS PRESENT	WHERE MODULATION IS PRESENT	WHERE IMPULSIVENESS IS PRESENT
+5 dB (A)	+5 dB (A)	+10 dB (A)

5. NOISE GENERATION

Noise will be generated at the Site during the proposed works. To determine the estimated noise generated during the works, calculations have been undertaken based on the proposed site equipment (and in accordance with *Table A1 of Appendix A of Australian Standard (AS) 2436:2010 – Guide to noise and vibration control on construction, demolition and maintenance sites*). It should be noted that there will be periods throughout the works where not all equipment will be operating simultaneously.

5.1 SOUND LEVEL OF PROPOSED SITE EQUIPMENT

The estimated noise emissions for the proposed site equipment are outlined in **5.1.**

TABLE 5-1 SOUND LEVEL OF PROPOSED SITE EQUIPMENT

EQUIPMENT	INDICATIVE SOUND POWER LEVEL (MID-POINT)	INDICATIVE SOUND PRESSURE LEVEL AT 10M IN DISTANCE
Excavator	107 dB (A)	79 dB (A)
Screener	101 dB (A)	73 dB (A)
Loader	105 dB (A)	77 dB (A)
Crusher	115 dB (A)	87 dB (A)

5.2 SOUND PRESSURE LEVEL CALCULATION

A- weighted Sound Pressure Level- L_{PA}

Distance from the source-R

A-weighted Sound Power Level- L_{WA}

A- weighted Sound Pressure Level for Hard ground

$$L_{PA} = L_{WA} - 20\ Log_{10}R - 8$$

To determine the estimated noise at the nearest sensitive receptor, calculations have been undertaken based on the proposed site equipment and in accordance with AS 2436:2010.

Table 5.2 shows calculated noise pressure level including influencing Factor

TABLE 5-2 ESTIMATED SOUND PRESSURE LEVEL RECEPTOR RECEIVING

Receptor	Description	Location	Proximity to the site boundary	Proximity to the operation area	$Log_{10}R$	Cumulative sound Pressure level LWA (dB)	$20* Log_{10}R$	Lpa (dB)	LA max	Influencing Factor (IF)	Assigned Level (LA max + IF	Exceedance of Assigned Noise Pressure Level
1	Residential	23 Lenswood Retreat, Clarkson	175m	435	2.64	118	52.77	57.23	65	8	73	No
2	Residential	6 Balin Lane, Clarkson	180m	415	2.62	118	52.36	57.64	65	8	73	No
3	Residential	4 Balin Lane, Clarkson	180m	410	2.61	118	52.26	57.74	65	8	73	No
4	Residential	2 Balin Lane, Clarkson	170m	391	2.59	118	51.84	58.16	65	8	73	No
5	Residential	34 Redbank Rise, Clarkson	165m	380	2.58	118	51.60	58.40	65	8	73	No
6	Residential	32 Redbank Rise, Clarkson	165m	370	2.57	118	51.36	58.64	65	8	73	No
7	Residential	30 Redbank Rise, Clarkson	160m	350	2.54	118	50.88	59.12	65	8	73	No
8	Residential	28 Redbank Rise, Clarkson	160m	350	2.54	118	50.88	59.12	65	8	73	No
9	Residential	26 Redbank Rise, Clarkson	170m	340	2.53	118	50.63	59.37	65	8	73	No
10	Residential	24 Redbank Rise, Clarkson	160m	325	2.51	118	50.24	59.76	65	8	73	No

Receptor	Description	Location	Proximity to the site boundary	Proximity to the operation area	$Log_{10}R$	Cumulative sound Pressure level LWA (dB)	20* $Log_{10}R$	Lpa (dB)	LA max	Influencing Factor (IF)	Assigned Level (LA max + IF	Exceedance of Assigned Noise Pressure Level
11	Residential	22A Redbank Rise, Clarkson	155m	290	2.46	118	49.25	60.75	65	8	73	No
12	Residential	22B Redbank Rise, Clarkson	160m	280	2.45	118	48.94	61.06	65	8	73	No
13	Residential	75 Liberty Drive, Clarkson	155m	270	2.43	118	48.63	61.37	65	8	73	No
14	Residential	79 Liberty Drive, Clarkson	155m	260	2.41	118	48.30	61.70	65	8	73	No
15	Residential	81 Liberty Drive, Clarkson	155m	260	2.41	118	48.30	61.70	65	8	73	No
16	Residential	83 Liberty Drive, Clarkson	150m	250	2.40	118	47.96	62.04	65	8	73	No
17	Residential	85 Liberty Drive, Clarkson	160m	260	2.41	118	48.30	61.70	65	8	73	No
18	Residential	87 Liberty Drive, Clarkson	150m	260	2.41	118	48.30	61.70	65	8	73	No
19	Residential	89 Liberty Drive, Clarkson	155m	260	2.41	118	48.30	61.70	65	8	73	No
20	Residential	91 Liberty Drive, Clarkson	150m	260	2.41	118	48.30	61.70	65	8	73	No
21	Residential	93 Liberty Drive, Clarkson	155m	240	2.38	118	47.60	62.40	65	8	73	No

Receptor	Description	Location	Proximity to the site boundary	Proximity to the operation area	$Log_{10}R$	Cumulative sound Pressure level LWA (dB)	20* $Log_{10}R$	Lpa (dB)	LA max	Influencing Factor (IF)	Assigned Level (LA max + IF	Exceedance of Assigned Noise Pressure Level
22	Residential	95 Liberty Drive, Clarkson	150m	245	2.39	118	47.78	62.22	65	8	73	No
23	Residential	97 Liberty Drive, Clarkson	150m	250	2.40	118	47.96	62.04	65	8	73	No
24	Residential	99 Liberty Drive, Clarkson	150m	260	2.41	118	48.30	61.70	65	8	73	No
25	Residential	101 Liberty Drive, Clarkson	150m	260	2.41	118	48.30	61.70	65	8	73	No
26	Residential	103 Liberty Drive, Clarkson	150m	270	2.43	118	48.63	61.37	65	8	73	No
27	Residential	105 Liberty Drive, Clarkson	150m	280	2.45	118	48.94	61.06	65	8	73	No
28	Residential	107 Liberty Drive, Clarkson	150m	290	2.46	118	49.25	60.75	65	8	73	No
29	Residential	109 Liberty Drive, Clarkson	150m	300	2.48	118	49.54	60.46	65	8	73	No
30	Residential	111 Liberty Drive, Clarkson	150m	310	2.49	118	49.83	60.17	65	8	73	No
31	Residential	113 Liberty Drive, Clarkson	150m	335	2.53	118	50.50	59.50	65	8	73	No
32	Residential	115 Liberty Drive, Clarkson	145m	350	2.54	118	50.88	59.12	65	8	73	No

Receptor	Description	Location	Proximity to the site boundary	Proximity to the operation area	$Log_{10}R$	Cumulative sound Pressure level LWA (dB)	20* $Log_{10}R$	Lpa (dB)	LA max	Influencing Factor (IF)	Assigned Level (LA max + IF	Exceedance of Assigned Noise Pressure Level
33	Residential	117 Liberty Drive, Clarkson	150m	360	2.56	118	51.13	58.87	65	8	73	No
34	Residential	119 Liberty Drive, Clarkson	150m	375	2.57	118	51.48	58.52	65	8	73	No
35	Residential	121 Liberty Drive, Clarkson	155m	390	2.59	118	51.82	58.18	65	8	73	No
36	Residential	123 Liberty Drive, Clarkson	150m	400	2.60	118	52.04	57.96	65	8	73	No
37	Residential	125 Liberty Drive, Clarkson	150m	410	2.61	118	52.26	57.74	65	8	73	No
38	Residential	127 Liberty Drive, Clarkson	155m	430	2.63	118	52.67	57.33	65	8	73	No
39	Residential	129 Liberty Drive, Clarkson	150m	435	2.64	118	52.77	57.23	65	8	73	No
40	Residential	131 Liberty Drive, Clarkson	150m	450	2.65	118	53.06	56.94	65	8	73	No

6. NOISE MANAGEMENT AND NOISE CONTROL

The following noise management and mitigation measures will be adopted across the site during each stage of work:

- All machinery/equipment proposed across the site will be used in accordance with appropriate manufacturer instructions.
- All machinery/equipment will be kept up to date with service and maintained to ensure no excess noise emissions are received
- Where possible, specific activities will be scheduled during hours that least adversely affect sensitive receivers
- The current sire fencing around the site will be maintained to ensure no public access is permitted
- Maintenance of the onsite vegetation
- Working hours will be as described in Section 3.2 of this report
- In the event of noise complaints, installation or retrofitting of acoustic mufflers or silencing devices on selected on-site machinery/equipment will be undertaken to assist in mitigating further off-site noise impacts (where required)
- Appropriate screening methods will be adopted on site

6.1 NOISE CONTROL METHODS

6.1.1 ACOUSTIC BARRIER

Barriers or screens can be effective in reducing noise levels and can be located at either the source or receiver. The degree of noise reduction achieved is dependent on the extent to which the line of sight is blocked. If the receiver (sensitive receptor) is totally shielded, An A-weighted sound pressure level reduction of up to 15 dB (A) is possible. Where only partial obstruction is achieved, noise reduction of 7 to 10 dB (A) can be achieved.

Current noise control barrier include:

- Large areas of dense vegetation to the north, south and east
- Crushing and screening plant located 17m below the surrounding ground surface
- Construction of a large buttress on the western boundary to reinforce the existing wall.
- Stockpile of materials on the eastern and southern portions of the site.

6.1.2 SILENCING DEVICES

Where activities or plant are noisy, the use of silencing devices may be possible. This can be in the form of engine shrouding or industrial silencers. The sound power levels, and sound pressure level estimated for each proposed equipment, has not factored in the use of silencing devices. As such, sound power levels can feasibly be lowered further using this technique (where required).

6.1.3 STRATEGIC POSITIONING OF PROCESSES ON SITE

Strategic positioning involves formulation of work practices to reduce noise exposure to residential buildings in the vicinity of the operations. This can be achieved by obstructing the line-of-sight, locating fixed equipment as far as practicable from residential buildings, and rotating the location of equipment to provide respite t receivers (where possible).

Currently there are a series of obstruction between the site and sensitive receptors, including the Mitchell Freeway, stockpiles, and the vegetation located on eastern and southern boundary. As such, it is considered that

strategic positioning, as a form of noise mitigation, has been considered in the design of the proposed operations.

6.1.4 COMPLAINTS MANAGEMENT

Any noise complaints received during the proposed works will be registered and dealt with directly by Brajkovich landfill and recycling. The following information will be recorded for all complaints received:

- Registration of complaints
- Identification of Source
- Assessment of level
- Corrective action to mitigate emission if found to be unreasonable
- Re-assessment to ensure control procedures implements are successful
- Follow up with complainant
- Close-out

6.1.5 SITE INDUCTION AND TRAINING

All site supervisor, contractors and onsite workers will be made aware of the noise management and controls outlined within this NMP.

7. CONCLUSION

Brajkovich Landfill & Recycling have engaged Site Environmental and remediation services to develop a Noise Management Plan. This Noise Management Plan has been developed in aid of the Licence Renewal Application submitted for the site located at 220 Hester Avenue, Neerabup to the department of Water and Environmental Regulation.

Several noise management controls have been implemented on site including the use of acoustic barriers, strategic planning and other noise controlling strategies. Additionally, BLR will be accountable for maintaining the vegetation on the boundaries of the site as an additional acoustic screen. With these noise mitigation methods implemented onsite, it is expected that noise that noise received by the surrounding industrial and southern sensitive receptors will be within the assigned assessment criteria as determined by the Environmental Protection (Noise) Regulations. If any complaints are received for the site operations, Brajkovich Landfill & Recycling have included a complaints procedure to follow up and close-out complaints.

FIGURE 1 GENERAL SITE LOCATION

Figure 1: Site Location

SERS
Site Environmental & Remediation Services
Head Office: 281 Newcastle Street Northbridge WA 6003
Postal: PO Box 377 Northbridge Perth WA 6865
T: +61 8 92202000 F: +61 8 92202010
E: admin@sers.net.au W: www.sers.net.au

Job No: 004
Client: Adrian Brajkovich
Address: 220 Hester Avenue, Neerabup

Scale: 1:4,500
Original size: A3
Imagery from: 27/10/2018
Source: Nearmaps

Date drawn: 30/11/2020
Revision: 0
Drawn by: A.C
Checked by: R.M

N

File: N:\A SERS\GIS\Projects\ MXD\

Legend

- BCG Premises
- Site Boundary
- Leighton's Premises

FIGURE 2 NOISE BUFFER 100M AND 450M

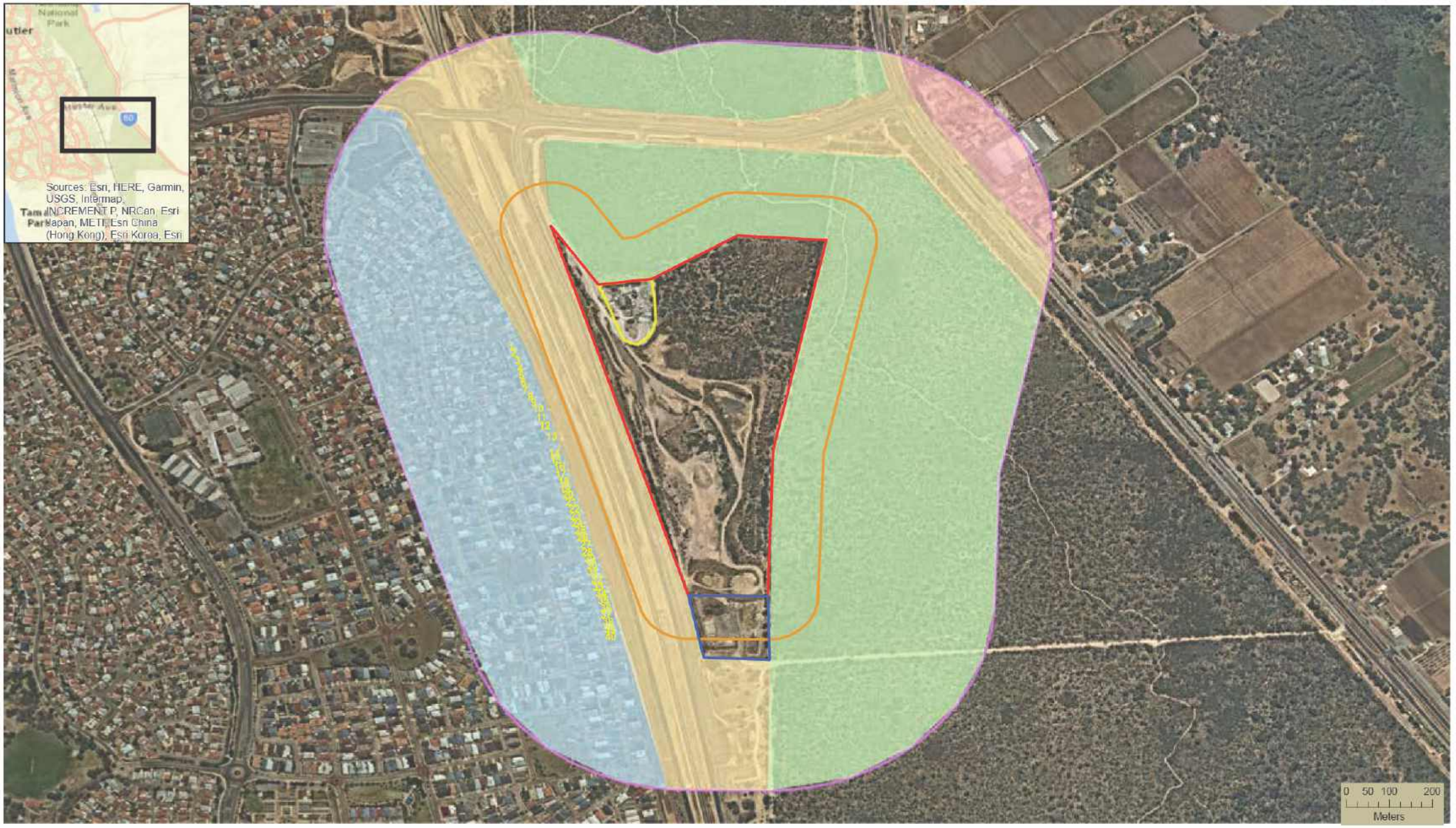


Figure 2:Surrounding Land Uses and Noise Sensitive Receptors

SERS
Site Environmental & Remediation Services
Head Office: 281 Newcastle Street Northbridge WA 6003
Postal: PO Box 377 Northbridge Perth WA 6865
T: +61 8 92202000 F: +61 8 92202010
E: admin@sers.net.au W: www.sers.net.au

Job No: 004-25	Scale: 1:8,500	Date drawn: 07/12/2018	
Client: Adrian Brajkovich	Original size: A3	Revision: 0	
Address: 220 Hester Avenue, Neerabup	Imagery from: 27/10/2018	Drawn by: A.C	
	Source: Nearmaps	Checked by: R.M	

File: N:\A SERS\GIS\Projects\ MXD\

N

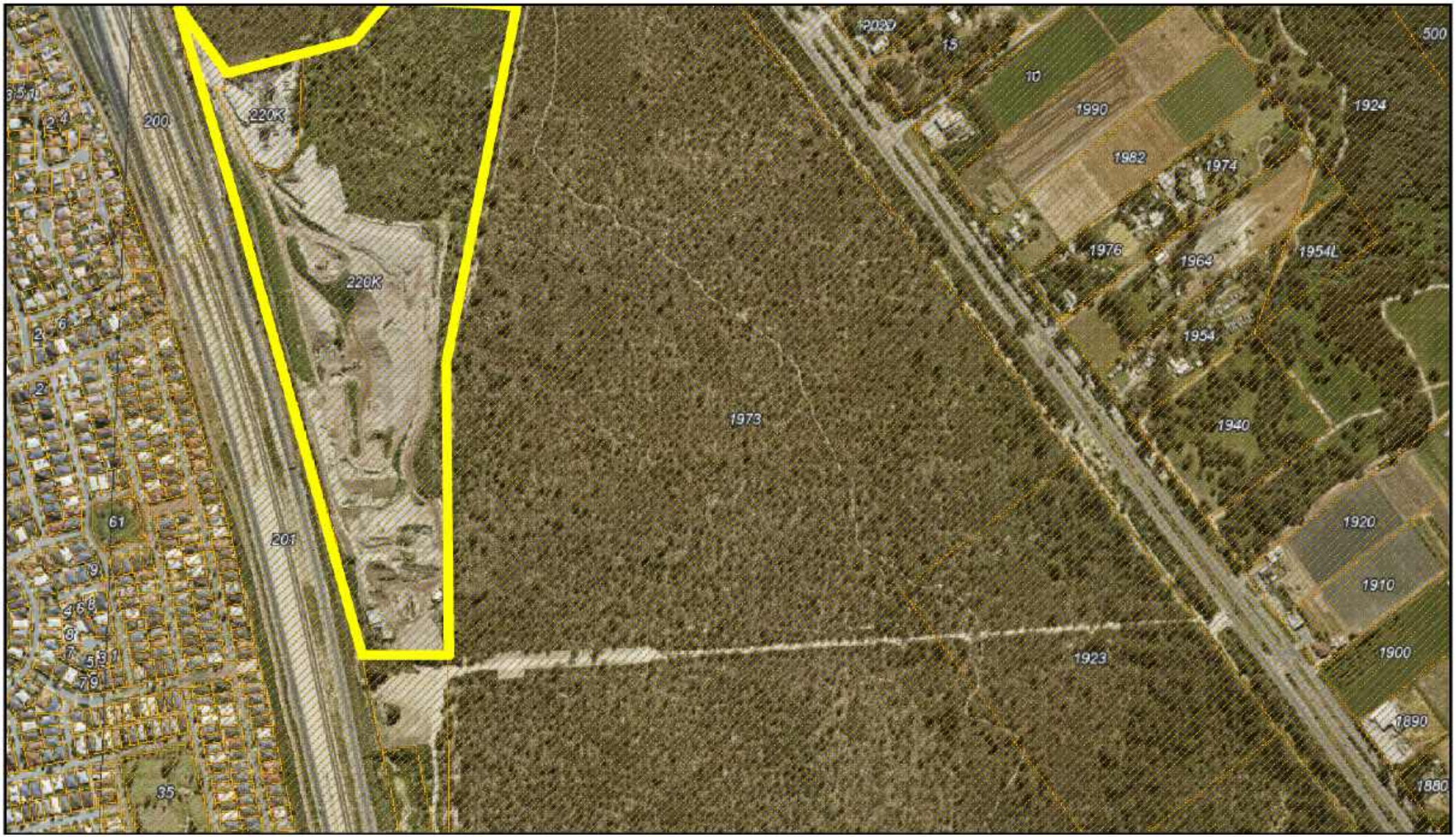
Legend

- 100m Buffer
- 450m Buffer
- Site Boundary
- BCG Premises
- Leighton's Premises
- Parks & Recreation
- Roads & Infrastructure
- Commercial
- Residential

The Dust Management Plan has been provided as a stand alone document
Attachment 6A: 181025 - RCG - 14226a PA- Dust Management Plan - Quinns Quarry

ATTACHMENT 7 SITING AND LOCATION

Aboriginal and Heritage Sites



26/11/2025, 10:23:08

Cadastre Address (LGATE-002) - Large Scale

Aboriginal Cultural Heritage - Lodged (DPLH-100)

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

Acid Sulfate Soil Risk Map

26/11/2025, 10:46:23

Cadastre Address (LGATE-002) - Large Scale

Acid Sulfate Soil Risk Map, Swan Coastal Plain (DWER-055)

1 - High to moderate risk of ASS occurring within 3m of natural soil surface

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

SLIP / LANDGATE, SLIP/LANDGATE, Esri Community Maps Contributors, Esri, TomTom, Garmin, METI/NASA, USGS, Esri, Geoscience Australia, NASA, NGA, USGS, Landgate / SLIP

powered by SLIP

Public Drinking Water Source Area

26/11/2025, 08:59:40

Cadastre Address (LGATE-002) - Large Scale

Public Drinking Water Source Areas (DWER-033)

Protection Area-P3

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

Dandjoo Species List Export

Created by Guest User on 25 Nov 2025

Source	Dandjoo – Department of Biodiversity, Conservation and Attractions
Method	User defined circle: [[115.73661, -31.67698]] 1.0 km.
Date time	2025-11-25T16:45:33.438980+08:00

Conservation status summary	Count
CD, MI	1
EN	2
MI	4
None	38
OS	1
P2	2
P3	3
P4	4
Parent of conservation listed taxa	4
VU	6
Total	**65**

Kingdoms	Count
Animalia	65
Total unique species	**65**

Animalia

#	Class	Family	Name	Establishment	Conservation
1	Arachnida	Idiopidae Simon, 1889	Idiosoma Ausserer, 1871		Parent of conservation listed taxa
2	Arachnida	Idiopidae Simon, 1889	Idiosoma sigillatum O. P.-Cambridge, 1870 *(Swan Coastal Plain shield-backed trapdoor spider)*	native	P3
3	Aves	Acanthizidae	Acanthiza apicalis Gould, 1847	native	
4	Aves	Acanthizidae	Acanthiza chrysorrhoa (Quoy & Gaimard, 1830)	native	
5	Aves	Acanthizidae	Gerygone fusca (Gould, 1838)	native	
6	Aves	Accipitridae	Haliastur sphenurus (Vieillot, 1818)	native	
7	Aves	Accipitridae	Pandion haliaetus (Linnaeus, 1758) *(Osprey)*	native	MI
8	Aves	Anatidae	Oxyura australis Gould, 1836	native	P4
9	Aves	Artamidae	Artamus cinereus Vieillot, 1817	native	
10	Aves	Artamidae	Artamus cyanopterus (Latham, 1802)	native	
11	Aves	Artamidae	Cracticus torquatus (Latham, 1802)	native	
12	Aves	Artamidae	Gymnorhina tibicen		
13	Aves	Cacatuidae	Cacatua pastinator (Gould, 1841)	native	
14	Aves	Cacatuidae	Calyptorhynchus Desmarest, 1826		Parent of conservation listed taxa
15	Aves	Cacatuidae	Calyptorhynchus banksii (Latham, 1790)	native	
16	Aves	Cacatuidae	Eolophus roseicapilla		
					Parent of

17	Aves	Cacatuidae	Zanda Mathews, 1913		conservation listed taxa
18	Aves	Cacatuidae	Zanda latirostris Carnaby, 1948 *(Carnaby's Cockatoo)*	native	EN
19	Aves	Campephagidae	Coracina novaehollandiae	native	
20	Aves	Columbidae	Ocyphaps lophotes (Temminck, 1822)	native	
21	Aves	Columbidae	Spilopelia chinensis (Scopoli, 1786)		
22	Aves	Columbidae	Spilopelia senegalensis (Linnaeus, 1766)		
23	Aves	Corvidae	Corvus coronoides	native	
24	Aves	Cracticidae	Strepera versicolor (Latham, 1802)	native	
25	Aves	Dicaeidae	Dicaeum hirundinaceum (Shaw, 1792)	native	
26	Aves	Diomedeidae	Thalassarche chlororhynchos (Gmelin, 1789)	native	VU
27	Aves	Falconidae	Falco cenchroides Vigors & Horsfield, 1827	native	
28	Aves	Falconidae	Falco hypoleucos Gould, 1841	native	VU
29	Aves	Falconidae	Falco peregrinus Tunstall, 1771	native	OS
30	Aves	Laridae	Thalasseus bergii (Lichtenstein, 1823)	native	MI
31	Aves	Maluridae	Malurus lamberti Vigors & Horsfield, 1827	mixed	Parent of conservation listed taxa
32	Aves	Meliphagidae	Acanthagenys rufogularis Gould, 1838	native	
33	Aves	Meliphagidae	Anthochaera carunculata	native	
34	Aves	Meliphagidae	Gavicalis virescens	native	
35	Aves	Meliphagidae	Lichmera indistincta	native	
36	Aves	Meliphagidae	Phylidonyris niger (Bechstein, 1811)	native	
37	Aves	Meliphagidae	Phylidonyris novaehollandiae	native	
38	Aves	Meliphagidae	Ptilotula ornata (Gould, 1838)	native	
39	Aves	Neosittidae	Daphoenositta chrysoptera (Latham, 1802)	native	
40	Aves	Pachycephalidae	Pachycephala rufiventris (Latham, 1802)	native	
41	Aves	Pardalotidae	Pardalotus punctatus (Shaw, 1792)	native	
42	Aves	Petroicidae Mathews, 1920	Petroica boodang (Lesson, 1838)	native	
43	Aves	Petroicidae Mathews, 1920	Petroica goodenovii (Vigors & Horsfield, 1827)	native	
44	Aves	Procellariidae	Ardenna carneipes (Gould, 1844)	native	VU
45	Aves	Psittaculidae	Barnardius zonarius		
46	Aves	Psittaculidae	Parvipsitta porphyrocephala (Dietrichsen, 1837)	native	
47	Aves	Psittaculidae	Purpureicephalus spurius (Kuhl, 1820)	native	
48	Aves	Psittaculidae	Trichoglossus moluccanus (Gmelin, 1788)	alien	
49	Aves	Rhipiduridae	Rhipidura leucophrys	native	
50	Aves	Scolopacidae	Actitis hypoleucos (Linnaeus, 1758)	native	MI
51	Aves	Scolopacidae	Tringa nebularia (Gunnerus, 1767)	native	MI
52	Aves	Zosteropidae	Zosterops lateralis (Latham, 1802)	native	
53	Insecta	Castniidae	Synemon gratiosa Westwood, 1877 *(Graceful Sunmoth)*	native	P4
54	Insecta	Colletidae	Hylaeus (Sphaerhylaeus) globuliferus (Cockerell, 1929) *(woolybush bee)*	native	P3
55	Insecta	Tettigoniidae	Austrosaga spinifer Rentz, 1993 *(bush cricket (Swan Coastal Plain), spiny katydid (Swan Coastal Plain))*	native	P2
56	Mammalia	Balaenidae	Eubalaena australis (Desmoulins, 1822) *(Southern Right Whale)*	native	VU
57	Mammalia	Balaenopteridae	Megaptera novaeangliae Borowski, 1781 *(Humpback Whale)*	native	CD, MI
58	Mammalia	Macropodidae	Notamacropus irma (Jourdan, 1837) *(Western Brush Wallaby)*	native	P4
59	Mammalia	Peramelidae	Isoodon fusciventer (Gray, 1841) *(Southern Brown Bandicoot)*	native	P4
60	Mammalia	Physeteridae	Physeter macrocephalus Linnaeus, 1758 *(Sperm Whale)*	native	VU
61	Reptilia	Agamidae	Pogona minor minor (Sternfeld, 1919) *(Western Bearded Dragon)*	native	
62	Reptilia	Cheloniidae	Caretta caretta Linnaeus, 1758 *(Loggerhead Turtle)*	native	EN
63	Reptilia	Cheloniidae	Chelonia mydas (Linnaeus, 1758) *(Green Turtle)*	native	VU
64	Reptilia	Elapidae	Neelaps calonotos (A.M.C. Duméril, Bibron & A. Duméril, 1854) *(Black-striped Snake)*	native	P3
65	Reptilia	Typhlopidae Merrem, 1820	Anilios pinguis (Waite, 1897) *(Rotund Blind Snake)*	native	P2

Conservation status definitions

Threatened species

- CR – Critically Endangered
- EN – Endangered
- VU – Vulnerable
- EX – Extinct
- EW – Extinct in the Wild
- CD – Species of special conservation interest (conservation dependent)
- OS – Species otherwise in need of special protection (other specially protected)
- MI – Migratory
- SP – Specially protected species

Priority species

- P1 – Priority 1: Poorly-known species – known from few locations, none on conservation lands
- P2 – Priority 2: Poorly-known species – known from few locations, some on conservation lands
- P3 – Priority 3: Poorly-known species – known from several locations
- P4 – Priority 4: Rare, Near Threatened and other species in need of monitoring

Dandjoo specific codes

- Parent of conservation listed taxa
- Cons code inherited from parent, X

Read full definitions at https://bio.wa.gov.au/guide/conservation-status-definitions

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Further note, precise locations of conservation listed species are considered sensitive. To protect this information, obfuscation has been applied to conservation-listed species records. For these species, the true location is ±10km from the search area used to generate this species list.

Dandjoo Species List Export

Created by Guest User on 25 Nov 2025

Source	Dandjoo – Department of Biodiversity, Conservation and Attractions
Method	User defined circle: [[115.73661, -31.67698]] 1.0 km.
Date time	2025-11-25T16:51:06.486822+08:00

Conservation status summary	Count
CR	2
EN	2
None	66
P1	1
P2	2
P3	6
P4	2
Parent of conservation listed taxa	1
VU	1
Total	**83**

Kingdoms	Count
Plantae	83
Total unique species	**83**

Plantae

#	Class	Family	Name	Establishment	Conservation
1	Bryopsida	Fabroniaceae Schimp.	Fabronia hampeana Sond.	native	P2
2	Cycadopsida	Zamiaceae Horan.	Macrozamia riedlei (Gaudich.) C.A.Gardner	native	
3	Liliopsida	Asparagaceae Juss.	Dichopogon capillipes (Endl.) Brittan	native	
4	Liliopsida	Asparagaceae Juss.	Lomandra preissii (Endl.) Ewart	native	
5	Liliopsida	Asparagaceae Juss.	Lomandra suaveolens (Endl.) Ewart	native	
6	Liliopsida	Asparagaceae Juss.	Sowerbaea laxiflora Lindl.	native	
7	Liliopsida	Asparagaceae Juss.	Thysanotus manglesianus Kunth	native	
8	Liliopsida	Colchicaceae DC.	Burchardia congesta Lindl.	native	
9	Liliopsida	Cyperaceae Juss.	Lepidosperma angustatum R.Br.	native	
10	Liliopsida	Cyperaceae Juss.	Schoenus clandestinus S.T.Blake	native	
11	Liliopsida	Dasypogonaceae Dumort.	Calectasia cyanea R.Br.	native	CR
12	Liliopsida	Haemodoraceae R.Br.	Conostylis aculeata R.Br.	native	
13	Liliopsida	Haemodoraceae R.Br.	Conostylis bracteata Lindl.	native	P3
14	Liliopsida	Haemodoraceae R.Br.	Conostylis pauciflora Hopper	native	Parent of conservation listed taxa
15	Liliopsida	Haemodoraceae R.Br.	Conostylis setigera R.Br.	native	
16	Liliopsida	Hemerocallidaceae R.Br.	Chamaescilla corymbosa (R.Br.) Benth.	native	
17	Liliopsida	Hemerocallidaceae R.Br.	Dianella revoluta R.Br. *(Blueberry Lily)*	native	
18	Liliopsida	Iridaceae Juss.	Gladiolus caryophyllaceus (Burm.f.) Poir. *(Wild Gladiolus)*	alien	
19	Liliopsida	Orchidaceae Juss.	Caladenia flava R.Br. *(Cowslip Orchid)*	native	

20	Liliopsida	Orchidaceae Juss.	Caladenia huegelii Rchb.f. *(Grand Spider Orchid)*	native	CR
21	Liliopsida	Orchidaceae Juss.	Caladenia longicauda Lindl. *(Common White Spider Orchid)*	native	
22	Liliopsida	Orchidaceae Juss.	Diuris longifolia R.Br. *(Purple Pansy Orchid)*	native	
23	Liliopsida	Orchidaceae Juss.	Elythranthera brunonis (Endl.) A.S.George *(Purple Enamel Orchid)*	native	
24	Liliopsida	Orchidaceae Juss.	Eriochilus dilatatus Lindl. *(White Bunny Orchid)*	native	
25	Liliopsida	Orchidaceae Juss.	Pterostylis R.Br.		
26	Liliopsida	Orchidaceae Juss.	Pterostylis brevisepala (D.L.Jones & C.J.French) D.L.Jones & C.J.French	native	
27	Liliopsida	Orchidaceae Juss.	Pterostylis vittata Lindl.	native	
28	Liliopsida	Poaceae Barnhart	Briza maxima L.	alien	
29	Liliopsida	Poaceae Barnhart	Ehrharta calycina Sm. *(Perennial Veldt Grass)*	alien	
30	Liliopsida	Restionaceae R.Br.	Desmocladus flexuosus (R.Br.) B.G.Briggs & L.A.S.Johnson	native	
31	Liliopsida	Xanthorrhoeaceae Dumort.	Xanthorrhoea preissii Endl.	native	
32	Magnoliopsida	Aizoaceae Martinov	Sarcozona bicarinata S.T.Blake	native	P3
33	Magnoliopsida	Apiaceae Lindl.	Daucus glochidiatus (Labill.) Fisch., C.A.Mey. & Ave-Lall. *(Australian Carrot)*	native	
34	Magnoliopsida	Apiaceae Lindl.	Eryngium pinnatifidum Bunge subsp. pinnatifidum	native	
35	Magnoliopsida	Asteraceae Bercht. & J.Presl	Hypochaeris glabra L. *(Smooth Cats-ear)*	alien	
36	Magnoliopsida	Asteraceae Bercht. & J.Presl	Lagenophora huegelii Benth.	native	
37	Magnoliopsida	Asteraceae Bercht. & J.Presl	Millotia tenuifolia Cass.	native	
38	Magnoliopsida	Asteraceae Bercht. & J.Presl	Quinetia urvillei Cass.	native	
39	Magnoliopsida	Asteraceae Bercht. & J.Presl	Ursinia anthemoides (L.) Poir.	alien	
40	Magnoliopsida	Celastraceae R.Br.	Tripterococcus brunonis Endl.	native	
41	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia hypericoides (DC.) Benth. *(Yellow Buttercups)*	native	
42	Magnoliopsida	Dilleniaceae Salisb.	Hibbertia leptotheca (J.R.Wheeler) K.R.Thiele	native	P3
43	Magnoliopsida	Droseraceae Salisb.	Drosera drummondii Planch.	native	
44	Magnoliopsida	Droseraceae Salisb.	Drosera erythrorhiza Lindl. *(Red Ink Sundew)*	native	
45	Magnoliopsida	Ericaceae Juss.	Conostephium pendulum Benth.	native	
46	Magnoliopsida	Ericaceae Juss.	Styphelia discolor (Sond.) Hislop, Crayn & Puente-Lel.	native	
47	Magnoliopsida	Ericaceae Juss.	Styphelia pallida (R.Br.) Spreng.	native	
48	Magnoliopsida	Ericaceae Juss.	Styphelia porcata Hislop	native	P3
49	Magnoliopsida	Fabaceae Lindl.	Acacia benthamii Meisn. *(Bentham's Wattle)*	native	P2
50	Magnoliopsida	Fabaceae Lindl.	Acacia cyclops G.Don	native	
51	Magnoliopsida	Fabaceae Lindl.	Acacia saligna (Labill.) H.L.Wendl. *(Kudjong, Orange Wattle)*	native	
52	Magnoliopsida	Fabaceae Lindl.	Acacia willdenowiana H.L.Wendl.	native	
53	Magnoliopsida	Fabaceae Lindl.	Bossiaea eriocarpa Benth.	native	
54	Magnoliopsida	Fabaceae Lindl.	Daviesia nudiflora Meisn.	native	
55	Magnoliopsida	Fabaceae Lindl.	Daviesia triflora Crisp	native	
56	Magnoliopsida	Fabaceae Lindl.	Gastrolobium capitatum (Benth.) G.Chandler & Crisp	native	
57	Magnoliopsida	Fabaceae Lindl.	Hardenbergia comptoniana (Andrews) Benth.	native	
58	Magnoliopsida	Fabaceae Lindl.	Hovea trisperma Benth. var. trisperma *(Common Hovea)*	native	
59	Magnoliopsida	Fabaceae Lindl.	Jacksonia sericea Benth.	native	P4
60	Magnoliopsida	Fabaceae Lindl.	Trifolium campestre Schreb.	alien	
61	Magnoliopsida	Fabaceae Lindl.	Vicia sativa L.	alien	
62	Magnoliopsida	Geraniaceae Juss.	Geranium molle L. *(Dove's Foot Cranesbill)*	alien	
63	Magnoliopsida	Geraniaceae Juss.	Pelargonium littorale Huegel	native	
64	Magnoliopsida	Goodeniaceae R.Br.	Scaevola canescens Benth.	native	
65	Magnoliopsida	Myrtaceae Juss.	Baeckea sp. Limestone (N. Gibson & M.N. Lyons 1425)	native	P1
66	Magnoliopsida	Myrtaceae Juss.	Eucalyptus argutifolia Grayling & Brooker	native	VU
67	Magnoliopsida	Myrtaceae Juss.	Eucalyptus decipiens Endl. *(Limestone Marlock, Moit, Redheart)*	native	

68	Magnoliopsida	Myrtaceae Juss.	Eucalyptus foecunda Schauer subsp. foecunda	native	P4
69	Magnoliopsida	Myrtaceae Juss.	Eucalyptus marginata Sm. *(Jarrah)*	native	
70	Magnoliopsida	Myrtaceae Juss.	Melaleuca sp. Wanneroo (G.J. Keighery 16705)	native	EN
71	Magnoliopsida	Phyllanthaceae Martinov	Lysiandra calycina (Labill.) R.W.Bouman	native	
72	Magnoliopsida	Pittosporaceae R.Br.	Marianthus paralius L.Cayzer & Crisp	native	EN
73	Magnoliopsida	Proteaceae Juss.	Banksia attenuata R.Br.	native	
74	Magnoliopsida	Proteaceae Juss.	Hakea trifurcata (Sm.) R.Br. *(Two-leaf Hakea)*	native	
75	Magnoliopsida	Proteaceae Juss.	Persoonia comata Meisn.	native	
76	Magnoliopsida	Proteaceae Juss.	Petrophile linearis R.Br.	native	
77	Magnoliopsida	Proteaceae Juss.	Petrophile macrostachya R.Br.	native	
78	Magnoliopsida	Rhamnaceae Juss.	Cryptandra mutila Reissek	native	
79	Magnoliopsida	Rutaceae Juss.	Philotheca spicata (A.Rich.) Paul G.Wilson *(Pepper and Salt)*	native	
80	Magnoliopsida	Stylidiaceae R.Br.	Stylidium brunonianum Benth.	native	
81	Magnoliopsida	Stylidiaceae R.Br.	Stylidium maritimum Lowrie, Coates & Kenneally *(Coastal Triggerplant)*	native	P3
82	Magnoliopsida	Thymelaeaceae Juss.	Pimelea calcicola Rye *(Coastal Banjine)*	native	P3
83	Magnoliopsida	Violaceae Batsch	Pigea calycina DC. *(Wild Violet)*	native	

Conservation status definitions

Threatened species

- CR – Critically Endangered
- EN – Endangered
- VU – Vulnerable
- EX – Extinct
- EW – Extinct in the Wild
- CD – Species of special conservation interest (conservation dependent)
- OS – Species otherwise in need of special protection (other specially protected)
- MI – Migratory
- SP – Specially protected species

Priority species

- P1 – Priority 1: Poorly-known species – known from few locations, none on conservation lands
- P2 – Priority 2: Poorly-known species – known from few locations, some on conservation lands
- P3 – Priority 3: Poorly-known species – known from several locations
- P4 – Priority 4: Rare, Near Threatened and other species in need of monitoring

Dandjoo specific codes

- Parent of conservation listed taxa
- Cons code inherited from parent, X

Read full definitions at https://bio.wa.gov.au/guide/conservation-status-definitions

Disclaimer

Further note, precise locations of conservation listed species are considered sensitive. To protect this information, obfuscation has been applied to conservation-listed species records. For these species, the true location is ±10km from the search area used to generate this species list.

ATTACHMENT 9 CATEGORY CHECKLIST

Application form annex: Category checklist (solid waste landfill sites)

Part V Division 3, *Environmental Protection Act 1986*
Environmental Protection Regulations 1987

INSTRUCTIONS:

- This checklist outlines additional information requirements for applications under Part V Division 3 of the *Environmental Protection Act 1986* (EP Act) to:
  - construct and operate new solid waste landfills, or
  - amend an instrument granted for an existing landfill (i.e. new cells/landfill areas at an existing landfill facility).
- This checklist must be completed and submitted as an attachment to the main 'works approval, licence or amendment application form' (see Part 12 of that form). Notes included throughout this checklist must be read in conjunction with the instructions and requirements of the main application form.
- The application checklist must be completed with all relevant information attached. Information requirements and attachments can be combined and submitted as one or more consolidated documents if desired, provided it is clear to which section of the application checklist the information/attachments relate.
- If an application form and checklist has been submitted and are incomplete the Chief Executive Officer (CEO) of the Department of Water and Environmental Regulation (DWER) will decline or return the application (as applicable).
- The information requirements outlined in this checklist are not exhaustive. Applicants are advised to provide additional supporting information and environmental investigations as required to support the application and assessment process.
- This checklist does not apply to landfill sites that are associated with mining operations or for rural landfill premises (premises specified in Schedule 1 Part 2 of the Environmental Protection Regulations 1987 as category 89 premises).
  - However, depending on the environmental context of the proposed landfill site, DWER may still require applicants to provide a similar level of detail to support their application. Mine site and rural landfill operators should consider the environmental siting of the proposed landfill site and, depending on the site sensitivity, should contact DWER to seek advice on the likely specific information requirements, prior to submitting an application.

Completion matrix

The matrix below explains what sections are required to be completed for different types of landfill applications. The class and category of landfill is outlined in Schedule 1 of the Environmental Protection Regulations 1987.

Form section	Prescribed premises category and landfill class				
	Category 63	Category 64	Category 64	Category 65	Category 66
	Class I	Class II	Class III	Class IV	Class V
Part 1: Environmental siting and Conceptual Site Model	•	•	•	•	•
Part 2: Landfill design and construction	•	•	•	•	•
Part 2A: Design and construction overview	•	•	•	•	•
Part 2B: Landfill liner specifications	N/A	•	•	•	•
Part 2C: Stability assessment	N/A	•	•	•	•
Part 2D: Leachate management	N/A	•	•	•	•
Part 2E: Landfill gas management	N/A	•	•	•	•
Part 2F: Stormwater/surface water management	•	•	•	•	•
Part 2G: Monitoring requirements	•	•	•	•	•
Part 3: Premises operations	•	•	•	•	•
Part 4: Landfill closure and rehabilitation	•	•	•	•	•

Key:

•	Must be submitted
N/A	Not required with application, or not applicable in the context of the scope of works and operations.

Part 1: Environmental siting and conceptual site model (CSM)		
INSTRUCTIONS: • **Refer to DWER's *Guideline: Environmental siting* for details of the specified ecosystems and other environmental attributes considered in DWER's assessment.** • **The supporting information provided as part of an application must provide sufficient evidence to allow DWER to make a reasonable decision.**		
		Yes
1.1	**Siting context and background** Provide a description of: • history of the site (past and current activities) • land ownership • the local area and the landfill's siting within this area • surrounding land uses • community and/or stakeholder need for landfill site.	☒
1.2	**Sensitive receptors and designated areas (within a 2 km radius[1])** Provide information on the distance and directions to sensitive environmental and human receptors including: • human receptors (e.g. residential, rural, industrial / commercial, and/or recreational premises) • surface waters (permanent and seasonal) • depth to groundwater and potential beneficial use(s) • sensitive flora and fauna • designated areas[2] • regional and local catchment characteristics. And other sensitive receptors as identified in the *Guideline: Environmental siting*. Note 1: depending on the proposed landfill class and site context, a larger radius may need to be assessed. Note 2: designated areas as defined by section 57 of the EP Act and comprise water source areas proclaimed under the *Rights in Water and Irrigation Act 1914*, and Public Drinking Water Source Areas proclaimed under the *Country Areas Water Supply Act 1947* and *Metropolitan Water Supply, Sewerage, and Drainage Act 1909*.	☒
1.3	**Local climate and meteorological data** Provide information on the local climate and meteorological data, including: • monthly rainfall • monthly evaporation • wind conditions (seasonal wind strength and direction) • source and date range of meteorological data (e.g. on-site weather station or from a Bureau of Meteorology [BoM] site; site details must be provided).	☒
1.4	**Topography, geology and hydrology** Provide information on the topography, geology and hydrogeology of the area including: • surface elevation and topography • regional and local geology[3] and soils[3] including site-specific soil and geological records where available • regional and local hydrology • groundwater flow direction and rate[3] • groundwater quality[3] and current or future use • groundwater aquifer characteristics • a description of geologic active processes (e.g. faulting, subsidence) (if applicable). Note 3: site-specific investigations should be undertaken where information on local attributes is not available in published documentation or digital datasets. Whether relying on published information or the results of site investigations, applicants must provide references and demonstrate that the information presented is representative of site conditions.	☒

Part 1: Environmental siting and conceptual site model (CSM)

1.5	**Conceptual site model** Provide a site-specific conceptual site model (CSM)[4] which clearly identifies all potential source-pathway-receptor (S-P-R) linkages for all related environmental media (Section 1.8 below – Attachment 3). The development of the CSM is an iterative process, whereby the initial CSM is developed in the first stage of conceptual design/assessment (taking into consideration the nature of baseline environmental conditions) and revised as more detailed information on the site and the nature of potential risk events becomes available. The CSM is also used to identify uncertainties or critical gaps in information that may need to be addressed through additional investigations. The complexity of the CSM corresponds to the scale and complexity of the landfill activities and should be devised to help in the design process to identify appropriate design and operational measures as well as environmental monitoring requirements. Note 4: guidance on developing CSM's can be sourced in DWER's *Assessment and management of contaminated sites guidelines* and from Schedule B2 of the *National Environment Protection (Assessment of Site Contamination) Measure 1999* (NEPM).	☒

Attachments			N/A	Yes
1.6	**Attachment 1: Locality map(s)**	An aerial photograph, map, and/or site plan of sufficient scale showing the proposed prescribed premises boundary and general locality of the premises in respect to nearby sensitive receptors and surrounding land uses. Multiple maps at different scales can be provided.	☐	☒
1.7	**Attachment 2: Topography, geology and hydrogeological plans/maps**	An aerial overview and cross-section drawings of topographical, geological, and hydrogeological features related to the site.	☐	☒
1.8	**Attachment 3: Conceptual site model**	In accordance with Part 1.5 above, provide a CSM in table format. A graphical representation can also be developed and submitted to help illustrate S-P-R linkages. An example table format is provided below.	☐	☒

Example CSM table:

Source / activities	Pollutant or contaminant of potential concern	Pathway (transport mechanism)	Receptor	Potential impacts
Leachate Pond 1	*Metals, TDS, nutrients, BOD, organic acids, petroleum hydrocarbons, sulfides, alkanes, PFAS*	*Infiltration; vertical migration to the subsurface and groundwater.* *Horizontal migration in groundwater along the downgradient flow path.* *Abstraction of groundwater for non-potable uses (garden irrigation and other non-potable uses).*	*Underlying groundwater (15mBGL).* *Down-hydraulic gradient non-potable groundwater users – 8 licensed bores identified, unlicensed domestic bores may also be present (400m south-west).* *Conservation category wetland located down-hydraulic gradient (300m south-west) – considered a 'flow-through wetland' which is in direct hydraulic connection with the water-table aquifer.*	*Groundwater degradation and impacts to downgradient groundwater users.* *impacts to wetland water quality and ecosystem disturbance.*
Landfill	*Landfill gas*	*Subsurface lateral migration along preferential pathways.*	*On-site office administration accommodation 150m from the proposal landfill cell.*	*Accumulation of LFG in subsurface structures and conduits presenting a potential explosion hazard.*

Part 2: Landfill design and construction

INSTRUCTIONS:

- **This section is made up of 7 sub-parts focusing on landfill design and construction:**
  - **Part 2A: Design overview and construction scope**
  - **Part 2B: Landfill liner specifications**
  - **Part 2C: Stability assessment**
  - **Part 2D: Leachate management**
  - **Part 2E: Landfill gas management**
  - **Part 2F: Stormwater/surface water management**
  - **Part 2G: Monitoring requirements**
- **The proposed design should consider and acknowledge the interactions between these elements and take into consideration the environment setting, adjacent current and future land uses, available materials and infrastructure, waste to be received and the need to provide integrated waste management facilities (disposal and recycling options).**
- **The CSM (required under Part 1.5) will help operators in gaining an understanding of the environmental setting and potential risk events and should be considered in the design and operation of the landfill.**
- **Where an application is for a category 63 (Class I landfill), but not any other landfill category, only sub-parts 2A, 2F, and 2G must be completed; Parts 2B to 2E are either optional or not applicable.**

Part 2A: Design overview and construction works

INSTRUCTIONS:

- **This section requires applicants to provide an overview of the proposed landfill design concept including all related infrastructure, such as leachate and landfill gas management infrastructure.**
- **This section also requires a detailed summary of the extent of construction works that are being proposed under this application to clarify the scope of assessment.**

		Yes
2.1	**Landfill design concept** Provide information on each component of the proposed landfill including (but not limited to): • landfill type and design concept: including details on size (spatial and volumetric), lifespan, geometry, proposed liner[5] and leachate management system[5] and groundwater and surface water management[5] (specified design detail must be provided for each proposed landfill cell) • waste types proposed for disposal[6] • details on the landfill cell(s) that will be subject of this application and staging of development • site infrastructure layout including details on traffic access and internal haul routes, and details on all facilities for receiving and handling waste and administration of the landfill. Note 5: Only an overview of this information is required under this part. Specific information requirements for each of these aspects is outlined further in subsequent parts of the application checklist. Note 6: Information must be consistent with the requirements outlined in Part 9.2 of the main works approval or licence application form (waste-related activities).	☐
2.2	**Scope of construction works** Provide details of construction works including: • general site preparation works[7,8] • infrastructure to be constructed • construction phases and associated timings of works • construction quality assurance (CQA) measures and procedures to be employed[9] • summary of management measures and controls to be adopted for noise, dust and odour emissions (odour in the case where new cells are tying in with existing cells) and for the management of stormwater, general erosion and sediment control[10] Note 7: Certain site preparation works may be undertaken without a works approval. Refer to Section 3 of the *Guideline: Industry Regulation Guide to Licensing* for further information. Note 8: Provide a general overview of site preparation works. Specific preparatory works in relation to the landfill liner, leachate pond and landfill cap are detailed respectively in Part 2B, Part 2E, and Part 4. Note 9: Part 2B of this checklist outlines specific CQA information requirements for the liner installation. It is essential that you adopt a quality approach to landfill engineering. CQA techniques help in providing confidence that construction works have been completed in accordance with the design specifications and, where non-conformances are identified, that appropriate corrective actions are taken. Typically for landfill applications, applicants should provide a CQA plan prepared in conjunction with design engineers and relevant CQA specialists.	☐

Part 2A: Design overview and construction works			
	Note 10: Information must be consistent with the requirements outlined in Part 9.1 of the main works approval or licence application form (potential emissions and discharges arising from the proposed activities).		
Attachments			**Yes**
2.3	**Attachment 4: Premises map and site layout plan(s)**	A premises map and site layout plan must be provided, which include the following: • premises boundary • site layout depicting all infrastructure (current and proposed) • location of the works (cells, leachate ponds, etc.) and any potential future cells/ponds (as applicable) • stormwater infrastructure • access and haulage roads • other key buildings (gatehouse, weighbridge, administration office, etc.) • scale and north arrow; GPS coordinates and legend.	☒
2.5	**Attachment 5: Detailed design drawings (multiple as required)**	Detailed design drawings:[11] • cell layout • landfill geometry • schematic cross sections of the landfill cell(s) • leachate pond layout and cross sections • landfill cap. Note 11: Additional design drawings are required for the proposed liner, leachate management system and landfill cap as detailed respectively in Part 2B, Part 2E, and Part 4.	☐

Part 2B: Landfill liner specifications			
NOTE: • **The principal functions of a landfill liner system are to limit contaminant migration to groundwater and to control landfill gas migration.** • **Construction quality assurance (CQA) measures must be in place to ensure construction of the engineered systems will meet the intended (and assessed) standards and specifications and to provide an audit trail.**			
		N/A	**Yes**
2.6	**Landfill liner system:** Provide details of the proposed landfill liner system and configuration. A statement of the intended landfill liner performance (overall permeability and containment features) should also be provided in support of the proposed liner system. Components[12] of the basal and side slope liner may include: • Subgrade[13] • Clay[14] or geosynthetic clay liner (GCL) • High Density Polyethylene (HDPE) geomembrane • leachate drainage layer[15,16] • cushion geotextile layer. Provide detailed design drawings of the liner system (see Section 2.9 – Attachment 6). Note 12: Thickness, material properties and manufacturer design specifications (including design hydraulic conductivity/permeability) must be provided for each liner component. Note 13: Where the in-situ subgrade is not suitable to form part of the foundation and liner, then an appropriate sub-grade must be constructed. Note 14: Where a natural geological barrier is in place (and forms part of the liner system) you must demonstrate that the barrier extends along the base and all the way up the sides of the landfill site. Details of the in-situ thickness, material properties and any artificial enhancements must be provided. Note 15: Part 2D of this checklist outlines specific information requirements for leachate management (which complement the detail requested in this section) Note 16: Operators may consider the need for a secondary leachate collection system (leak detection layer) to detect any malfunction of the upper primary liner components.	☒	☐

Part 2B: Landfill liner specifications			
2.7	**Liner construction and/or installation:** Provide information of the proposed construction and/or installation of the liner system. Information should be provided for each individual liner component (as the case requires). Considerations include, but are not limited to: • any preparatory works required, e.g. earthworks/subgrade preparation, compaction methods • handling and storage of liner materials • method of placement (for clay liners include details of thickness and number of lifts, compaction method and required level of compaction) • keying into existing surfaces (anchor points) and/or tying into adjacent landfill cells • conditions of underlying surface between layers • method of jointing for liner installation (e.g. bonding, welding, or seaming) • quality assurance testing (see Section 2.8 below).	☒	☐
2.8	**Construction Quality Assurance plan** The application should include a Construction Quality Assurance (CQA) plan which includes the proposed testing, inspection, and verification procedures to demonstrate that materials and constructed features at the landfill meet the designs and specifications. The CQA plan should include as a minimum: • descriptions of responsibilities, qualifications and obligations for each party involved in the CQA plan and the proposed level of supervision for liner construction/ installation • materials testing information, including sampling locations, frequency of testing, test methods, laboratories, accreditations, applicable specifications and quality standards, data evaluation, acceptance and rejection criteria, and contingency measures in the event of failure • hold and inspection points – these points are typically the start and finish of key stages of the work that cannot later be rectified because they will no longer be accessible • for geosynthetic materials (i.e. geomembranes, geosynthetic clay liners, geotextiles, geonet drainage geocomposites, and geogrids), the CQA plan should address the following requirements: o manufacturing quality control – including factory test results, certifications and material warranties o independent conformance testing – there should be a program of CQA independent conformance testing to verify that the materials supplied comply with the required specifications o installation procedures – storage to protect from weather and other damage during installation, panel overlaps, welds, jointing and seam orientation in accordance with good practice and the manufacturer's instructions and regular inspections, repairs tested and recorded and protection from UV light after installation etc. • reporting[17] and record keeping requirements. Note 17: As part of validating landfill construction works, DWER will require operators to submit a Critical Containment Infrastructure Report (CCIR). The purpose of the CCIR is to confirm that the environmental controls on containment infrastructure are properly constructed before materials are deposited in the containment cell (the CCIR is the equivalent of a CQA validation report which have historically been required for verification and audit purposes).	☒	☐
Attachments		**N/A**	**Yes**
2.9	**Attachment 6: Detailed design drawings – landfill liner** Provide detailed design drawings which clearly depict the following:		
	a) basal and side wall liner detail (typical section)	☐	☐
	b) leachate sump liner detail (typical section)	☐	☐

Part 2B: Landfill liner specifications			
	c) inferred groundwater levels (mAHD) relative to the base of the landfill cell (mAHD): depicted on cross-section drawings (showing at least two perpendicular planes on the horizontal, e.g. north-south, east-west, or otherwise as appropriate) showing perimeter side slopes/walls. All heights of the base, sump, liner, and the perimeter side walls should be shown in mAHD. Cross sections must clearly demonstrate the separation distance between the lowest point of the landfill cell or leachate sump (whichever is lowest) and the underlying water table.	☐	☐
	d) leachate collection system, depicting the distribution and layout of leachate collection pipes, sumps, leachate extraction/removal pipes with appropriate grades/slopes etc.	☐	☐
	e) anchor trench detail	☐	☐
	f) liner tie in detail and interface between adjacent cells (if required)	☐	☐

Part 2C: Stability assessment			
NOTE: • **The geotechnical stability of the lining system, wastes and underlying geological strata (foundation) must be assessed.** • **The stability assessment should take into account the interactions between the multiple layers present in the lining system and must demonstrate structural/physical stability over the entire lifecycle of the landfill.** • **Where DWER has previously assessed stability assessments for existing cells, which were considered appropriate, and the proposed new cells comprise a similar design then the applicant can justify a lower level of stability analysis to that outlined below. In this case the applicant must provide clear justification as to the level of analysis undertaken and give regard to and justify the applicability of previous assessments carried out to the new proposed landfill area/cell.**			
		N/A	**Yes**
2.10	**Stability assessment** Provide a stability assessment which analyses the following aspects as a minimum: • liner interface stability a) assessment of the capping liner system (upper surface and slopes) b) assessment of the basal liner system interfaces • waste stability • embankment slope and foundation stability. Other information requirements: The software used and chosen model must be detailed and justified and all assumptions and data inputs must be clearly documented and justified.[18] All adopted factors of safety (FoS) must be clearly documented and justified. Details of the material properties used in the analysis must be provided. Where material properties are not based on site-specific investigations,[19] clear justification must be provided to demonstrate that they are appropriate for use in the stability assessment. The assessment must include the elements with the highest risk of instability (critical surfaces) based on interface properties, geometry, sequence of deposition of the waste and subsurface conditions. Interim construction/filling stages must be analysed if the geometry, loading conditions and materials are of risk. Indicate the location of the sections analysed on an appropriate figure and provide justification for why specific elements have been selected (see Section 2.11 – Attachment 7). Confirm the design assumptions regarding internal leachate phreatic surfaces and external pore pressures for the stability analysis and model the scenarios that account for a build-up of pore water pressure in the lining system and waste during normal and abnormal operations as well as post-operations. At a minimum, the following three internal leachate scenarios must be addressed:	☒	☐

Part 2C: Stability assessment			
	• no phreatic surface • elevated phreatic surfaces representing hypothetical 'steady state' condition • high phreatic surface representing a malfunction of the leachate pumps. For external pore-pressure scenarios, where relevant, the model should consider both average/expected pore pressure condition and highest inferred groundwater level. A stability analysis must also be performed for pseudo-static conditions to address the effect of a seismic event. The following scenarios must be assessed: • operation basis earthquake (OBE) • maximum design earthquake (MDE) • maximum credible earthquake (MCE). Methods for determining return period intervals for each scenario must be clearly documented and justified. A sensitivity analysis must also be carried out for the basal liner system interface to assess the effect of variability of material properties on the stability analysis outcomes. Note 18: Raw and model data (including modelling files) is not required to be submitted at the time of application but must be able to be provided, in full, on request, so that the stability analysis can be technically verified if necessary. Note 19: The characterisation of all materials incorporated into the stability assessment must be appropriately described. Site-specific investigations of material properties is recommended in preference to using other data.		
Attachments		**N/A**	**Yes**
2.11	**Attachment 7: Stability assessment drawings and figures (multiple as required)** Analysis drawings and/or figures including, but not limited to: • cell layout; aerial overview depicting analysed sections • cell cross-sections depicting analysed sections (include analysis results in table on figure) • other figures and drawings as required.	☒	☐

Part 2D: Leachate management			
NOTE: • **Operators must provide information on the proposed leachate management system including the need to recover leachate from landfill cells and store in appropriately sized leachate holding and evaporation ponds.** • **There must be sufficient leachate disposal capacity to prevent the build-up of leachate and an increase in the risks of water pollution and offensive odours.**			
		N/A	**Yes**
2.12	**Leachate management system** Provide a description of the proposed leachate management system[20] and method for managing leachate (e.g. evaporation, treatment, re-circulation). A written summary of all the related infrastructure[21] should be provided as well as depicted on an appropriately scaled site layout plan (refer to Section 2.14 – Attachment 8). Please also provide the following assessment and management detail: • water balance calculation[22,23] to predict the volume of leachate generation over time and to demonstrate that the proposed system has sufficient capacity to manage leachate volumes over the operational life of the landfill • leachate management and proposed monitoring plan, including: o maximum head of leachate on the liner surface and leachate sump during operation of the landfill o in-cell leachate monitoring, including the operational controls and infrastructure to be used to control the leachate head o leachate extraction/pumping system (including details on flow rate) o leachate pond management, including details on operational freeboard, mechanical aeration equipment (if required), and pond level alarms o proposed leachate quality monitoring program (refer also to Part 2G) o contingency plans for leachate management in the event of breakdown of various components.	☒	☐

Part 2D: Leachate management			
	Note 20: Design information requirements for leachate pond design and construction are outlined in Part 2.13 (below). Note 21: Details of the drainage/collection network infrastructure should include information on sumps, collection and extraction pipework and aggregate. Pipe material specifications, spacing gradients and sizing must be provided. Note 22: The water balance must be designed to account for monthly inputs and outputs to demonstrate that the system will be able to operate in a satisfactory manner throughout the year. Cumulative leachate storage over multiple years of operation under average and wet conditions (at least two consecutive years) should also be factored in. Note 23: Operators should use recognised water balance models to estimate leachate generation such as the Hydrologic Evaluation of Landfill Performance (HELP) model originally published by the United States Environmental Protection Agency and modified by Dr Klaus Berger at the University of Hamburg. The model should account for all predicted leachate inputs and outputs from the leachate management system.		

2.13	**Leachate pond design and construction.**
	Provide details of the leachate pond design, including but not limited to:
	• pond dimensions and volumetric capacity[24]
	• pond liner system:
	  ○ configuration of pond liner[25]
	  ○ statement of intended performance (overall permeability and containment features)
	• associated leachate conveyance infrastructure and equipment and connection points at the leachate pond(s)
	• liner construction and/or installation[26]
	• construction quality assurance (CQA) measures to be employed[27].
	Design drawings of the liner system including that of the liner anchor trench must be provided (refer to Section 2.15 – Attachment 9).
	Note 24: pond design must be determined based on the estimated leachate generation including all inputs and outputs. Refer to water balance requirements in Part 2.12.
	Note 25: Refer to Part 2A for typical liner components – noting that where the leachate pond liner design differs from the landfill liner design, justification should be provided.
	Note 26: Refer to Part 2A for construction and installation information requirements for pond liners.
	Note 27: Refer to Part 2A for CQA requirements – CQA provisions for the pond liner can be incorporated into the same CQA plan.
		☒	☐

Attachments		**N/A**	**Yes**
2.14	**Attachment 8: Figure/plan – layout of leachate management system** Provide a layout plan of the leachate management system which clearly depicts all associated infrastructure and equipment. Multiple plans can be provided.	☒	☐
2.15	**Attachment 9: Detailed design drawings – leachate pond liner** Detailed design drawings which clearly depict the following:		
	a) Basal and side wall liner detail (typical section).	☒	☐
	b) Inferred groundwater levels (mAHD) relative to the base of the leachate pond base (mAHD), depicted on cross-section drawings (showing at least 2 perpendicular planes on the horizontal, e.g. north-south, east-west, or as appropriate) showing perimeter side slopes/walls. All heights of the base, liner and the perimeter side walls should be shown in mAHD. Cross-sections must clearly demonstrate the separation distance between the lowest point of the leachate pond and underlying water table.	☒	☐
	c) Anchor trench detail.	☒	☐

Part 2E: Landfill gas management		
NOTE: • **Fugitive landfill gas emissions can present a hazard to people and the environment. Landfill gas also contains many odorous trace gases which can cause degradation of amenity of nearby residential and industrial/commercial land uses.** • **Prior to establishing a landfill facility, consideration should be given to the site's ability to control and manage landfill gas emissions.**		
	N/A	**Yes**
2.16 **Landfill gas management system:** Provide details of the proposed landfill gas management system including: • a detailed description of the proposed management system, installation procedures, installation timeline, monitoring, and maintenance procedures, including details on: o estimated gas generation rates across the entire lifespan of the landfill[28] o the containment measures to be implemented to reduce subsurface migration (e.g. installation of appropriate basal and capping liner systems) o the collection system (active or passive) and layout of landfill gas piping and extraction wells (vertical or horizontal or both), including details on installation processes and timeframes o utilisation of captured gas (e.g. flaring, treatment, and reuse in a system of a combustion) o specifications of combustion engines/flares and likely emissions (if relevant) o in-waste gas monitoring points, perimeter monitoring bores and associated monitoring program (refer also to Part 2G) o contingency plans in the event of breakdown of various components. Note 28: Landfill gas generation can be estimated using landfill gas generation models which take account of the potential quantity, rate and composition of the landfill gas generated.	☒	☐
Attachments:	**N/A**	**Yes**
2.17 **Attachment 10: Drawings and figures – landfill gas management system** — Design drawings and layout figure(s) of the proposed landfill gas management system including, but not limited to: • in-cell layout of gas collection infrastructure (aerial and cross-section diagrams should be provided where relevant) • overview of associated above-ground gas management infrastructure • landfill gas monitoring locations. Multiple drawings and figures can be provided.	☒	☐

Part 2F: Surface water management			
NOTE: • **The premises must be designed and constructed to ensure that stormwater is diverted away from the landfill cell, leachate pond and other waste handling areas. This may be achieved through the use of surface grade changes, bunding, interceptor drains, piping and other drainage systems.** • **Stormwater which has come into contact with waste materials must be collected and managed as leachate in the leachate management system.**			
		N/A	**Yes**
2.18	**Surface water management**[29] Provide details on the proposed stormwater management strategies and controls for the landfill premises including, but not limited to: • diversion of stormwater away from areas containing waste using drainage features, bunds, interceptor drains or other drainage systems • details on clean stormwater holding ponds to be constructed (if required); design specifications and an overview of construction works should also be provided • details of any proposed controlled releases of clean stormwater into the environment and/or proposed reuse options on-site • erosion and sediment control along drainage lines and discharge points, including stormwater flow control, vegetation, detention ponds, minimising land disturbance, and other temporary and permanent erosion protection measures. Note 29: Guidance on stormwater management can be found in DWER's Stormwater Management Manual for Western Australia.	☒	☐
Attachments:		**N/A**	**Yes**
2.19	**Attachment 11: Drawings and figures – surface water management infrastructure** — Design drawings and layout figure(s) of the proposed surface water management infrastructure.	☒	☐

Part 2G: Monitoring requirements			
NOTE: • **A comprehensive monitoring program should be developed to support the ongoing operation of a landfill facility. Aspects that should be included in the program (as a minimum) include leachate, landfill gas, surface water and groundwater. Odour monitoring should also be considered, depending on the environmental siting.** • **The operator must continually review the positioning of monitoring points during the regular review of monitoring data, and as the landfill facility expands consideration must be given to expanding the monitoring network to reflect the design proposals (and refinement of the CSM).** • **Typical monitoring aspects are outlined further below. Where an operator elects not to commit to certain monitoring programs, they must provide clear justification and rationale for this decision.**			
		Yes	**N/A**
2.20	**Leachate quality monitoring** Provide details of the proposed leachate quality monitoring program (refer also to Part 2D), including, but not limited to, sampling locations, sampling methodology, analysis suite, sampling frequency, and reporting requirements.	☐	☒
2.21	**Landfill gas monitoring** Provide details on the proposed landfill gas monitoring program (refer also to Part 2E), including, but not limited to, sampling locations, well/monitoring point construction specifications, sampling methodology, analysis suite, sampling frequency and reporting requirements. Proposed sampling locations should give regard to the landfill surface, subsurface (in-waste), perimeter, subsurface services on and adjacent to the site, buildings or structures on and adjacent to the site, and landfill gas treatment/management infrastructure (such as flares and combustion engines). Action levels for different monitoring locations must be documented to outline what action will be taken to address the matter and/or what further monitoring will be carried out to verify the effectiveness of corrective actions.	☐	☒

Part 2G: Monitoring requirements				
2.22	**Groundwater and surface water monitoring** Provide details on the proposed groundwater and surface water monitoring program, including, but not limited to: • sampling locations • well construction specifications • sampling methodology • analysis suite • sampling frequency • reporting requirements. The monitoring program should as a minimum seek to establish: • the background groundwater quality and levels (in mAHD and mBGL) • the background surface water quality and levels/flow rates and flow direction • the local aquifers, and groundwater flow direction and rates of each aquifer • a monitoring network that acts as an early indicator of leachate contamination in groundwater or surface water prior to offsite migration. For a new facility, the operator should seek to demonstrate baseline groundwater and/or surface water conditions prior to construction works and to feed the results of this monitoring into the initial CSM development. A sampling and analysis quality plan (SAQP) should be prepared to ensure that the data collected is representative and sufficient to address critical gaps and uncertainties identified in the CSM so that the information obtained provides a reliable basis for continually reviewing site operations and meeting compliance requirements of the operating licence. Further guidance on developing a groundwater and surface monitoring program, including the development of a SAQP, can be sourced from DWER's *Assessment and management of contaminated sites guideline* and from Schedule B2 of the *National Environment Protection (Assessment of Site Contamination) Measure 1999* (NEPM).		☒	☐
Attachments:			**N/A**	**Yes**
2.23	**Attachment 12: Landfill monitoring plan**	Applicants must document the proposed monitoring program in a landfill monitoring plan or a series of equivalent standalone monitoring and/or management plans. The SAQP required in Part 2.22 should be incorporated in this plan.	☒	☐

Part 3: Premises operations				
NOTE: • **In addition to the landfill design and construction, operational practices play an integral role in the protection of the environment.** • **This section outlines the operational management aspects that must be addressed as part of an application. Focus should be given to the day-to-day activities which are undertaken at the facility and the practices to be implemented to minimise amenity and environmental impacts.**				
			N/A	**Yes**
3.1	**Landfill management and operations** Provide operational detail on the following operational aspects: • operational hours of the facility • security fencing and site access • internal traffic control • details on weighbridge for monitoring waste acceptance • waste acceptance,[30] including details of acceptance and handling requirements for different waste types (e.g. putrescibles, asbestos waste, special waste types, contaminated solid wastes, etc.) and record keeping • landfilling method/waste placement, filling sequence and tipping face management (the vertical and horizontal size of the tipping face must be specified).		☐	☒

Part 3: Premises operations			
	• waste cover[31] (details on daily, intermediate and final cover, materials to be used, volumes required and storage area pre-use), litter and debris control (measures to prevent the discharge of litter and debris beyond the active landfill area and greater premises boundary) • dust management – measures to prevent operations impacting environmental values and social surroundings • odour management – measures to protect environmental values and social surroundings from unreasonable emissions of odour • noise management – demonstrate and maintain compliance with the assigned levels specified in the Environmental Protection (Noise) Regulations 1997 (Noise Regulations) • fire prevention and management (measures to minimise the risk of fires occurring at the facility) and emergency response procedures for fire and other emergencies (e.g. spills, landfill gas emergencies, etc.) • vector management (measures to prevent the attraction, refuge, growth and spread of vermin and pests to mitigate impacts to environmental values and social surroundings) • chemical and fuel stores, including details of storage requirements • environmental monitoring (refer to Part 2G)[32] • contingency planning (map out all likely incidents and document appropriate corrective measures). Note 30: Information must be consistent with the requirements outlined in Part 8 (Emissions, discharges, and waste) of the main application form i.e. wastes must be described in accordance with the *Landfill Waste Classifications and Waste Definitions 1996*. Note 31: Alternative daily and interim cover materials can be proposed but must be supported by details of the physical and chemical properties of the alternative cover together with information on how it will achieve the same or better performance outcomes, taking into consideration seasonal variation. Note 32: Reference can be made to the information provided against Part 2G of this checklist.		
Attachments:		**N/A**	**Yes**
3.2	**Attachment 13: Landfill environmental management plan** Applicants must document the operational management aspects in a consolidated landfill environmental management plan (LEMP).[33] The landfill monitoring plan (required by part 2G) can form part of the LEMP. Note 33: The LEMP is a dynamic document and must be reviewed on a regular basis as management and operational practices change at the facility. The LEMP should be made available to all operational staff and used in training.	☐	☒

Part 4: Landfill closure and rehabilitation			
NOTE: • **Landfill closure, rehabilitation and aftercare management must be planned and considered in the initial design concept for the landfill facility.**			
		N/A	**Yes**
4.1	**Closure and aftercare management** Provide information about the proposed closure and aftercare management of the facility, including, but not limited to: • details of future intended land use • details of progressive closure, capping and rehabilitation of used cells on the premises • final landform and surface contours (pre- and post-settlement) for each landfill cell(s) which forms the scope of the application; a discussion on the final landform in the context of surrounding topography must also be provided • landfill cap design detail and drawings (specifications and materials to be used in the final cap) – where geomembranes are proposed to be used in a capping system, similar design detail to that provided in Part 2B (landfill liner specifications) must be submitted (see Section 4.2 – Attachment 14) • design detail for connections in the cap to landfill gas and/or leachate collection and monitoring points (where relevant)	☒	☐

Part 4: Landfill closure and rehabilitation				
		• stormwater management measures for water shed from the cap and final landform • construction quality assurance (CQA) measures to be employed in cap construction/installation • details on post-closure monitoring and aftercare management[34] (details of proposed environmental monitoring must be consistent with the information requirements outlined in Part 2G) Note 34: Post-closure monitoring and aftercare management must include inspections of the cap and surveillance of differential settlement to verify continually the integrity of the landfill cap.		
Attachments:			**N/A**	**Yes**
4.2	**Attachment 14: Landfill closure plan (including design figures)**	Applicants must document the proposed objectives and closure and rehabilitation measures (as required by Part 4.1) in a consolidated landfill closure plan (LCP). Within the plan the following drawings/figures must be provided: a) final contour map – depicting proposed final contours, top & side slopes, and surface drainage features b) typical cross-sections of the proposed landfill cap and design (refer to Part 2A for liner design/construction information requirements – the same should be followed for the capping liner) c) location of passive gas and leachate management infrastructure intended to remain on the premises throughout closure.	☒	☐

SERS
Site Environmental & Remediation Services

OFFICE LOCATIONS

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6 March 2026

004-25_L7038-Renewal App_27112025

Department of Water and Environmental Regulation

[redacted]

Re: Renewal Application for L7038/1997/13

Dear **Melissa,**

On behalf of Brajkovich Landfill and Recycling Pty Ltd, SERS has commenced preparation of the renewal application for Licence L7038/1997/13. This letter accompanies the application as a supporting document to the Category 63 checklist and the DWER application form.

This correspondence outlines the key components of the attached checklist, which forms part of the documentation submitted in support of the licence renewal application. The submission addresses the following regulatory areas:

- Part 1: Environmental Siting and Conceptual Site Model
- Part 3: Premises Operations

The following components of the checklist have not been addressed, as no changes to these aspects are proposed. This application seeks an administrative renewal only, with no amendments to the existing licence conditions. Accordingly, the information for the following sections remains unchanged from the previous submission:

- Part 2: Landfill Design and Construction
- Part 4: Landfill Closure and Rehabilitation

Should DWER require any further information regarding this application, please do not hesitate to contact SERS via email or on (08) 9220 2000.

Part 1: Environmental siting and Conceptual Site Model

1.1 Site History

The site is located at 220k Hester Avenue, Neerabup, approximately 36km north of the Perth CBD and falls within the City of Wanneroo boundaries. It is predominantly surrounded by the Neerabup national Park to the north, east and south. This area forms part of the Bush Forever Site 383 along with the Lake Gnowerup nature Reserve (Landgate, 2026). Directly to the west is the Mitchell Freeway with the residential suburb of Clarkson bordering the opposite side of the freeway.

The site is located on unallocated Crown land which requires a mining tenement to operator. The tenement for the site M70/717, was held by the General Bulldozing Co. Pty Ltd from 1992-1998 when BGC obtained it and transferred it to R.C.G Pty Ltd. The site was initially used as a limestone quarry operated by R.C.G Ltd between 1974 and 2014. The limestone that was available was used by councils, primarily the City of Swan, City of Bayswater, and City of Wanneroo, as well as civil contractors for road construction. Inert Landfill activities began on site in 1996 to fill and rehabilitate the disturbed land and in 2014, all excavation operation ceased, and landfill became the primary operation.

On the 19th of July 2017, the licence L7038/1997/12 was suspended due to non-payment of the landfill levy imposed under the *Waste Avoidance and Resource Levy Act 2007*. Shortly afterwards the company went into liquidation on the 4th of April 2018. At this time, PAKK Pty Ltd acquired the site and nominated BLR to operate the site. BLR has been operating on the site since the 1st of October 2018 until present.

Several waste types are currently handled at the Premises, including clean fill, inert construction and demolition waste, asphalt, green waste and drilling slurry. The wastes accepted at site are predominantly sourced within the Perth metropolitan area. The waste is sorted on arrival and non-conforming waste is removed. Construction and demolition waste is crushed before landfilling where required. Clean sand is separated for use as landfill cover material. Once the quarry has been backfilled to the original contour level, it is proposed that the site will be rehabilitated to the equivalent value of the surrounding vegetation in Neerabup national Park.

The premise currently contains designated area and infrastructure including a plant maintenance area. Slurry drying bed, processing area, office, water tank, weighbridge, stockpile area, asbestos cell, green waste bed and storage yard (Refer to **Attachment 1and 2-2A**. General Site Location and Site Layout- Cell Layout).

1.2 Surrounding Land Use and Site Characteristics

The surrounding land is zoned accordingly as per the MRS (DPLH, 2026):

- Neerabup National Park – Parks and Recreation
- Mitchell Freeway- Primary Regional/major route
- Nearest Suburban Area (Clarson)- Residential Area

The nearest human sensitive receptors are the residents located in the urban zone approximately 140m from the western boundary of the site. The other sensitive receptor within the direct vicinity of the site is the Bush Forever Site (No.383) in the Neerabup National Park. Other sensitive receptors include a commercial area approximately 540m east of the site, Bush Forever Site (No.384) 820m east and Neerabup Lake 1km east. Refer to Attachment 3 for Surrounding Land Use and Sensitive Receptors.

Table 1 provides a consolidated summary of the primary site characteristics and associated relevant information.

Aspects	Characteristics	
Street Address	220K Hester Avenue, Neerabup WA 6031	
Land Area	25.54 ha	
Landowner	PAKK Pty Ltd	
Certificate of Title	Lot 11533 on Deposited Plan 217813	
Local Government Authority	City of Wanneroo	
Metropolitan Region Scheme (MRS) Zoning	Park and Recreation	
Local Government Authority (LGA) Land Zoning	City of Wanneroo, District Planning Scheme 2	
Historic Land Use	Limestone Quarry (until 2014)	
Current Land Use	Landfill Site	
Site Access	The site is accessed from Hester Avenue at the northern boundary (Refer to Attachment 2)	
Neighbouring Properties	North	Environmental receptor
	East	Environmental Receptor and commercial receptor further east
	South	Environmental Receptor
	West	Major Road and Residential Receptors

1.3 Local climate and meteorological data

The site experiences a Mediterranean climate with hot dry summers and cool winters. Long-term rainfall averages approximately 650-800mm per year, with most of the rainfall occurring between May and September. The mean annual maximum temperature is approximately 25 °C, with hot summer maxima frequently exceeding 30°C and cool winter minima commonly below 10°C.

The table below provides a summary of typical climate patterns derived from Bureau of Meteorology (BoM) weather station data. The Pearce RAAF station is identified as the closest monitoring location to the site.

Stats	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Mean Max Temp	33.0	33.0	30.0	26.0	22.0	19.0	18.0	19.0	2.0	24.0	27.0	31.0
Mean Min Temp	17.5	18.0	16.0	13.0	10.0	9.0	8.0	8.0	9.0	10.0	13.0	15.0
Mean Rain	8.6	12.6	16.5	33.4	81.1	128	133	106	65.4	37.0	21.9	10.4

1.4 Topography, geology and hydrogeology

Topography

The site topography varies from 54AHD on the eastern edge of the tenement to 40 AHD in the northern and south-western corners. The maximum depth of the quarry is recorded at 27AHD9. Refer to **Attachment 2B** for topographic contour map of the site.

Geology

The surface geology of the land comprises Tamala Limestone, originating from the Late Pleistocene to the Recent Age. This soil predominately consists of calcareous, siliceous sands and calcarenite (SLIP Locate V5 2026). The site is not located within an area of Acid Sulfate Soil risk area and additionally has a low risk of iron staining. Refer to **Attachment 2C** for Site Geology Map.

Hydrogeology

The groundwater table has been estimated at a depth of 45.0m bgl, with the depth of the water at 32.0mbgl across the site (Perth Groundwater Atlas). Due to the transmissivity of the limestone soils and the steep gradient in groundwater levels, there is a strong westerly flow.

A licence to take water was issued by DWER on 19th March 2019 (GWL151368(3)), allowing Brajkovich Landfill and Recycling Pty Ltd to take 15,000kL of water per annum. The consumption of water is used for dust suppression and is valid until the 18th of March 2029. Groundwater monitoring is undertaken quarterly at Bore MB1 for a suite of analytes as outlined in the DWER licence L7038/1997/13. The site falls within the P3 Perth Coastal and Gwelup Underground Water Pollution Control Area (Perth Groundwater Atlas, 2026). Refer to **Attachment 2D** for Groundwater Map.

1.5 Conceptual Site Model

A detailed conceptual site model for this project provided as **Attachment 3** at the rear of this report.

Part 2: Landfill design and construction

2.3 Premises Map and Site/Rehabilitation Layout

A premises map and site layout plan has been prepared and submitted, incorporating the following elements:

- The premises boundary
- A site layout illustrating all existing and proposed infrastructure
- Access routes and haulage roads
- Key site buildings, including the gatehouse, weighbridge, administration office, and other relevant structures
- A clearly marked scale, north arrow, GPS coordinates, and an accompanying legend.

NOTE: This application pertains solely to an administrative renewal and does not propose any amendments to the existing licence conditions; accordingly, detailed information regarding design and construction has not been provided.

Part 2G Monitoring Requirements

2.22 Groundwater Monitoring

In accordance with the current licence L7038/1997/13, groundwater monitoring has been undertaken in compliance with Conditions 25, 26 and 28. The installation of groundwater monitoring bores was originally completed in accordance with the requirements of previous Condition 38 and Improvement Condition IC2 under earlier licence provisions. The relevant conditions outlined in the current licence are summarised below.

Condition 25 requires that the Licence Holder ensures the following:

a) *All water samples are collected and preserved in accordance with AS/NZS 5667.1;*

b) *All groundwater sampling is conducted in accordance with AS/NZS 5667.11; and*

c) *All laboratory samples are submitted to, and analysed by, a laboratory holding current NATA accreditation for the parameters being measured*.

Condition 26 requires that, "*the Licence Holder ensures that groundwater monitoring is undertaken quarterly, with sampling events occurring at least 45 days apart*".

Similarly, under Condition 28 – Monitoring: Ambient Environmental Quality, "*the Licence Holder is required to undertake monitoring in accordance with Table 8, following the specifications provided within that table*".

Table 8 of Licence L7038/1997/13 specifies groundwater monitoring requirements at the monitoring location MB1, as depicted in the Site Layout Map in Schedule 1, as well as at two monitoring bores installed under previous Condition 38 and IC2. Monitoring is required on a quarterly basis using spot samples, with results reported in the specified units.

Monitoring point reference and location	Parameters	Units	Averaging Period	Frequency
MB1 as depicted in the Site Layout map in Schedule 1 of L7038/1997/13 Two monitoring bores installed according to previous Condition 38 and IC2	Standing Water Level	m(AHD) and mBGL	Spot sample	Quarterly
	pH	pH unit		
	Electrical conductivity	µS/cm		
	Aluminium	mg/L		
	Arsenic			
	Cadmium			
	Chromium			
	Copper			
	Iron			
	Mercury			
	Lead			
	Manganese			
	Nickel			
	Zinc			
	Potassium			
	Selenium			
	Chloride			
	Sulphate			
	Total Acidity			
	Total Alkalinity			
	Total Aluminium			
	Total Iron			
	Total Nitrogen			
	Total Phosphorus			
	Total Dissolved Solids (TDS)			
	Organochloride Pesticides			
	BTEX (Benzene, toluene, ethylbenzene, xylene)			
	Polycyclic Aromatic Hydrocarbon (PAH)			
	Polychlorinated Biphenyls (PCBs)			
	Total Petroleum hydrocarbons (TPH)			
	Nitrate			
	Nitrite			
	Colour	HU		
	Turbidity	NTU		
	Ionic Balance	%		
	Total coliforms	cfu/100ml		
	Thermotolerant coliforms			
	E. coli			

In accordance with the current licence conditions, all groundwater monitoring events are documented, and comparative assessments are undertaken to identify variations in groundwater quality and to evaluate potential seasonal trends associated with groundwater recharge and inflow.

Based on the Perth Groundwater Map, the site located at Neerabup forms part of the Swan Coastal Plain within the Gnangara Groundwater System, which represents one of the primary groundwater resources supplying the Perth metropolitan region. The site predominantly interacts with the Superficial Aquifer, the uppermost unconfined aquifer underlying the Swan Coastal Plain. This aquifer consists primarily of highly permeable sandy sediments and limestone formations and maintains hydraulic connectivity with surrounding surface water bodies and wetlands.

Regional groundwater contour mapping (Perth Groundwater Map, 2026) indicates that groundwater flow within the Neerabup industrial area generally follows a hydraulic gradient trending from the east towards the west to west-southwest, ultimately discharging into the Indian Ocean (Refer **Attachment 2E**). Several environmentally sensitive receptors are located within this groundwater system, including wetlands within Neerabup National Park, which rely on interactions with the Superficial Aquifer. These ecosystems may therefore be sensitive to fluctuations in groundwater levels or the potential migration of contaminants within the groundwater system.

Part 3: Premises operations

3.1 Waste Acceptance

The site is licenced to accept clean fill, asphalt, inert waste type 1, green waste, drilling slurry, special waste type 1 and inert waste type 2.

As per the previous licence, waste acceptance will occur at the site entrance on the northern boundary. Office staff will record waste/products and volumes, clientele, and materials prior to, or on arrival of new loads. Loads will be assessed for non-conforming materials on arrival. Where non-conforming materials are identified, the loads will be rejected. Following acceptance, the materials will be transported to the unloading area to be sorted. All material will undergo screening within the Processing Area. Construction and demolition waste is crushed prior to landfilling where required. Clean sand is separated for use as landfill cover material. Materials will be stockpiled within the Stockpile Area as displayed within **Attachment 2**.

In the event that non-conforming materials are identified further in the material processing or storage process onsite, the non-conforming materials will be isolated within the area as outlined within **Attachment 2** and removed from site within 4-6 weeks of identification, with the exception of asbestos which will be removed as soon as possible.

Loads are wet down prior to tipping to ensure minimal generation of errant dust. Each load is inspected by the truck driver post-tipping. If hazardous materials are found within the load the following actions are required to be taken:

- The driver is to alert the supervisor of the facility immediately
- The supervisor/driver is to alert the operator of the source of the load and remedial action at the original of load is to occur; and
- The load tipped is to be flagged and isolated and moved when an appropriate risk assessment can be made.

3.2 Waste Processing

Aggregate materials will be part of the 'products awaiting testing for ACM and stockpile location, until asbestos testing has been undertaken to confirm no ACM is present above guideline values. Material is inspected by the loader operator throughout loading, transport and tipping.

Should any suspected asbestos material be identified during the crushing or screening phase, the following measures will be undertaken:

- The emergency stop button on the screened and/or crusher is to be engaged immediately and loading of the material is to cease.
- The Screener and/or crusher is to be stopped, and a further inspection is required of the material upon the screen and all current stockpiles from the screen.
- Removal of material from the machine and the cleaning of the machine where material is confirmed hazardous; and
- A risk assessment is to be carried out

3.3 Waste Storage

During the offloading material to the stockpile, the material needs to be further managed to form the stockpile. The operator of the loader/excavator this by carefully displacing each bucket in a fashion as to not generate dust and, where possible, the operator inspects each bucket as it is moved.

The location of the stockpiles is to be within the area as outlined within **Attachment 2**. It is proposed that stockpiling occurs in three categories, inclusive of:

- Unprocessed materials
- Processed materials awaiting asbestos testing
- Processed materials tested for asbestos

If an operator sees the presence of asbestos in any moved bucket or within the stockpile, the following procedures will be put into action:

- Operation of the loader is to cease, and a further inspection is required; and
- A risk assessment is to be carried out.

At the conclusion of the above being carried out by a competent person, one of the following options will apply

Option 1:

Manual hand picking of affected area by trained and competent staff with appropriate handling measures putt into practice. All ACM will be bagged and disposed of as per regulatory requirements. Prior to further mechanical works, inspection to be carried out and the process repeated until no ACM is visually detected within the material.

Option 2:

If the affected area is identified as an isolated area but not suitable for hand picking, he affected area is to be treated as Class 1 Contaminant. The affected area will be mechanically loaded onto suitably lined semi-tipper for disposal at a suitably licenced landfill facility approved to accept ACM.

The liner will then be sealed, and the loaded trailer is to be suitable wet down during loading and covered with a suitable membrane for transportation. The membrane shall cover the entire load and not allow any dust or fragments to exit the vessel during transportation.

The above 2 options shall be repeated until a competent person is satisfied that the presence of asbestos is not evident in the affected area**.**

Option 3

If the affected area cannot be isolated and is not suitable for hand-picking, the whole of the accepted material stockpile is to be removed offsite as Class 1, Asbestos Contaminant.

The affected area will be mechanically loaded onto suitably lined semi tippers for disposal at a suitably licenced landfill facility approved to accept ACM. The liner is then sealed, and the loaded trailer is suitably wet down during loading and covered with an appropriate membrane for transportation as per the Code of Practice for the Safe Removal of Asbestos (NOHSC:2002 (2005)).

3.4 Inert Landfill

The site has been divided into 9 cells to be landfilled and rehabilitated in stages over the next estimated 21 years. Under the current licence the landfill must be located >25m from the site boundaries. Clean fill, Inert Waste type 1, metal dust, drilling slurry and asphalt waste will only be landfilled in the current landfill area. The remaining waste type will have their own landfill location. Special waste type 1 will only be landfilled in the asbestos cell, green waste in the green waste area and inert waste type 2 in the inert waste type 2 area shown in the **Attachment 2**.

Once the landfill has reached its maximum volume, a top cover will be applied, and revegetation actions will commence. Currently, a buttress is being constructed to stabilise the western wall at the request of various government agencies. As a results, clean fill and inert waste type 1 has been approved to be used as landfill for this project.

3.5 Onsite Transport Depot Specifications

Maintenance, where required, will occur in the plant maintenance shed in the central area of the site. This maintenance shed will additionally be utilised for the maintenance of onsite machinery where required. Fuel storage if located at the north of the site near the weighbridge. No trucks or other vehicles remain onsite overnight, and any onsite machinery stays within its designated area.

3.6 Site Access and Traffic Movements

Access and egress of vehicles, equipment and machinery will be via the access road connecting to Hester Avenue. The driveway is owned by the crown and under tenement L70/172 held by PAKK Pty Ltd. Hester Avenue is categorised as a Distributor A Road network (MRWA, 2021), deeming it suitable for heavy vehicles and above 8,000 vehicles per day and intersects with three primary distributor roads (Mitchell Freeway, Wanneroo Road and Marmion Avenue).

As per the original licence, a maximum of 240 vehicle movements will occur for the site daily, this is inclusive of 120 movements into the site and 120 movements out of the site. Access and movements within the property will be via internal roads. The internal roads will be effectively wetted using a water cart to prevent dust uplift.

Additional management plans, including the Noise and Dust Management Plan that supports the operation of the site and this application, are provided in **Attachment 4.**

Part 4: Landfill Closure and rehabilitation

NOTE: This application is limited to an administrative renewal and does not seek any amendments to the current licence conditions. Therefore, the detailed information relating to Landfill Closure and Rehabilitation remains unchanged from the previous submission.

Regards

[redacted]

Environmental Scientist

Attachment 1: General Site Location

Figure 1: Site Location

SERS
Site Environmental & Remediation Services
Head Office: 281 Newcastle Street Northbridge WA 6003
Postal: PO Box 377 Northbridge Perth WA 6865
T: +61 8 92202000 F: +61 8 92202010
E: admin@sers.net.au W: www.sers.net.au

Job No: 004
Client: Adrian Brajkovich
Address: 220 Hester Avenue, Neerabup

Scale: 1:4,500
Original size: A3
Imagery from: 27/10/2018
Source: Nearmaps

Date drawn: 30/11/2020
Revision: 0
Drawn by: A.C
Checked by: R.M

N

File: N:\A SERS\GIS\Projects\ MXD\

Legend

- BCG Premises
- Site Boundary
- Leighton's Premises

Attachment 2: Site Layout

Figure 2: Site Layout

SERS
Site Environmental & Remediation Services
Head Office: 281 Newcastle Street Northbridge WA 6003
Postal: PO Box 377 Northbridge Perth WA 6865
T: +61 8 92202000 F: +61 8 92202010
E: admin@sers.net.au W: www.sers.net.au

Job No: 161508	Scale: 1:6,000	Date drawn: 20/07/2020	N
Client: PAKK Pty Ltd	Original size: A3	Revision: 6	
Address: 220 Hester Avenue, Neerabup	Imagery from: 10/05/2020	Drawn by: S.P	
	Source: Nearmaps	Checked by: R.M	

File: N:\A SERS\GIS\Projects\ MXD\

Legend

- MB1 Well
- Current Landfill Area
- Green Waste
- Plant Maintenance Area
- Drill Slurry Drying Bed
- Processing Area (Crusher and Screener)
- Inert Waste Type 2
- BCG Premises
- Site Boundary
- Site Access
- Weighbridge
- Site Amenities
- Product Stockpile
- Asbestos Cell

Attachment 2A: Landfill Cell layout

Figure 5: Rehabilitation Timeline

SERS
Site Environmental & Remediation Services
Head Office: 281 Newcastle Street Northbridge WA 6003 Postal: PO Box 377 Northbridge Perth WA 6865
T: +61 8 92202000 F: +61 8 92202010
E: admin@sers.net.au W: www.sers.net.au

Job No: 161508	Scale: 1:5,500	Date drawn: 25/11/2020	
Client: PAKK Pty Ltd	Original size: A3	Revision: 0	
Address: 220 Hester Avenue, Neerabup	Imagery from: 12/09/2020	Drawn by: SP	
	Source: Nearmaps	Checked by: RM	

File: N:\A SERS\GIS\Projects\ MXD\

Legend

- Landfill Operations
- Completed Rehabilitation (RCG)
- Concrete Batching Plant
- Current Landfill (June 2021)
- 2023
- 2026
- 2029
- 2032
- 2035
- 2036
- 2037
- 2039
- 2042
- 2045
- Tenement M70/717

Attachment 2B: Surrounding Land Use

Department of Planning, Lands and Heritage

220K Hester Avenue, Neerabup WA

Legend

- Planning sub-regions
- Locality Boundaries
- Local Government Areas
- Cadastre
- State Planning Policy 5.4 Road and Rail Noise (Line) (DPLH-058)
  - Metropolitan passenger railway
  - Other significant freight/traffic route
  - Proposed strategic freight route
  - Strategic freight and/or major traffic route
- Region Scheme - Scheme Boundary (DPLH-020)
- Region Scheme - Special Areas (DPLH-022)
  - Bush forever areas
  - Environmental conditions
- Local Planning Scheme - Scheme Boundary (DPLH-069)
- Local Planning Scheme - Zones and Reserves (DPLH-071)
  - Drainage/waterway
  - Environmental conservation reserve
  - Local road
  - Public open space
  - Public purposes
  - Residential
  - Rural

Notes

0.7 0 0.34 0.7 Kilometers

Date produced: 03-Mar-2026

This map is a user generated static output from PlanWA (a public interactive mapping tool provided by the Department of Planning, Lands and Heritage and accessed via wa.gov.au) and is for reference only.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Attachment 2C: Topographical Contour Map

Topographical Contour Map- Locate WA 2026

04/03/2026, 09:41:20

Cadastre Address (LGATE-002) - Large Scale

2 metre contours (DPIRD-072)

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

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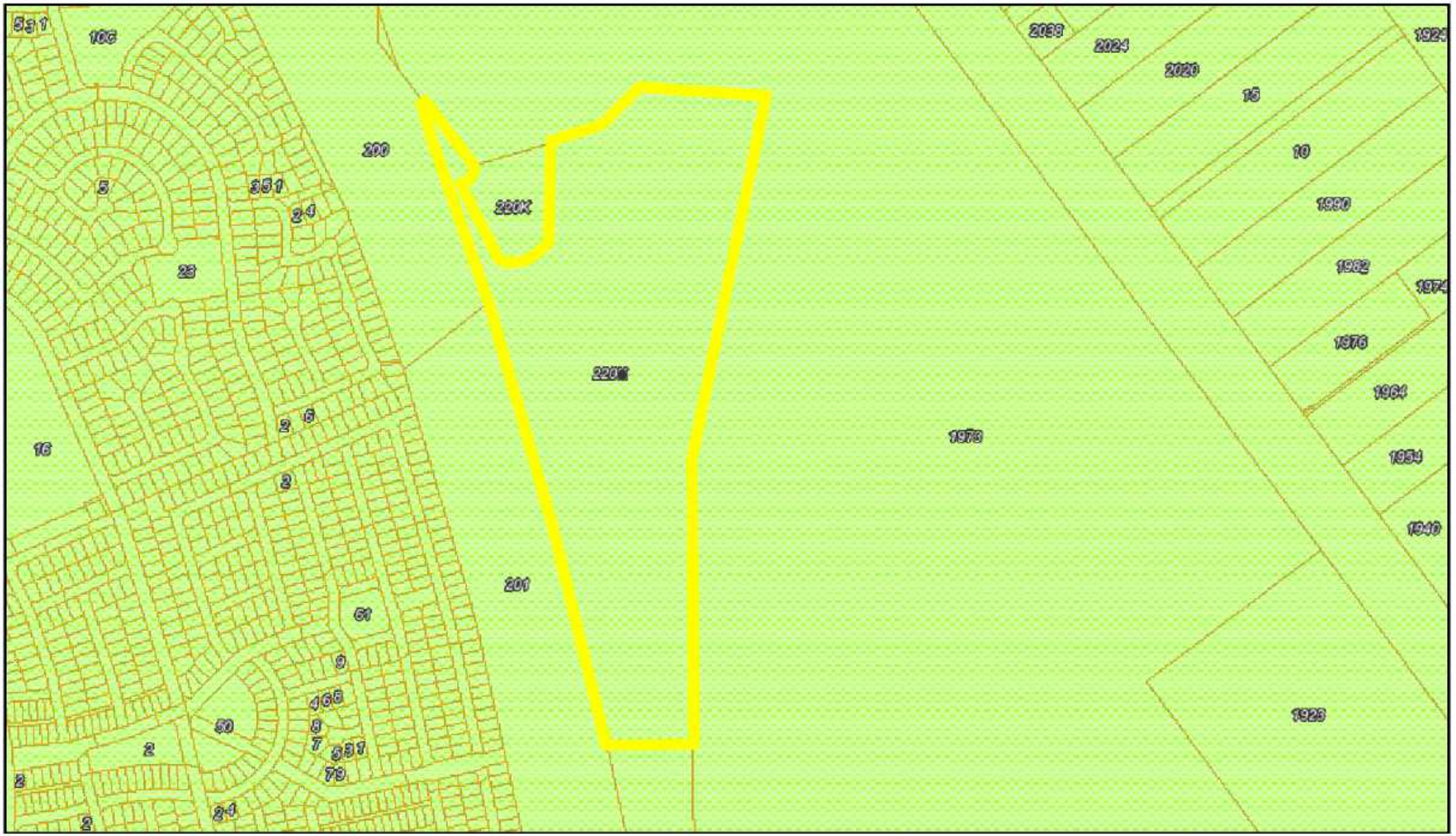
Attachment 2D: Site Geology

Site Geology- Locate WA 2026



04/03/2026, 09:44:54

Cadastre Address (LGATE-002) - Large Scale

1:500 000 State interpreted bedrock geology (DMIRS-016)

K-WRI-ss; Leederville Formation; Interbedded sandstone and siltstone; minor conglomerate; scattered thin coal seams

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

Attachment 2E: Groundwater Contour and Flow

Groundwater Contour and Flow Direction

06/03/2026, 09:27:51

Gnangara Jandakot Water Table Elevation (Contours) – 2019 Min (DWER-099)

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

Attachment 3: Conceptual Site Model

Source	Potential Contaminants	Pathway	Receptor	Potential Impact	Associated Risk	Control Measures	Residual Risk
Inert Waste (Concrete, bricks, soil, asphalt)	Suspended solids, elevated pH	Infiltration and Vertical seepage	Groundwater	Localised groundwater quality change	Low-Moderate	Compacted base, natura clay layer, waste screening	Low
Inert waste stockpiles	Sediment	Surface runoff during rainfall	Surface water drains	Increased turbidity due to suspended matter	Moderate	Stormwater diversion bunds, sediment basins	Low
Concrete waste	Elevated pH	Surface runoff	Surface water drains and Surficial ecosystem	Alkalinity stress on flora	Moderate	Runoff control	Low
Waste containing ACM	Asbestos Fiber	Airborne transport and inhalation	Onsite workers	Health Impacts	High	Regular inspections throughout the processing of waste All ACM handled/moved with care to ensure pieces are not broken	Moderate
Waste tipping and Vehicle movements	Dust (particulate matter)	Wind dispersion	Soil and Groundwater	Nuisance dust, respiratory irritation	Moderate (dry condition)	Reduced speed limit, Dust suppression using water cart	Low

Operational plant and vehicles	Fuel/oil spill	Surface runoff during wet season/soil infiltration	Soil and Groundwater	Localised hydrocarbon contamination	Moderate	Bunded fuel spaces, spill kits, regular inspection of vehicles	Low
Exposed waste stockpile	Dust/windblown fines	Airborne transport	Surrounding receptors (residential properties)	Visual and dust nuisance	Moderate	Moderate stockpile height, use dust suppression techniques during stockpiling process	Low

Risk Matrix

Consequences					
Likelihood	**Slight (1)**	**Minor (2)**	**Moderate (3)**	**Major (4)**	**Severe (5)**
Almost Certain (A)	**Medium**	**High**	**High**	**Extreme**	**Extreme**
Likely (B)	**Medium**	**Medium**	**High**	**High**	**Extreme**
Possible (C)	**Low**	**Medium**	**Medium**	**High**	**Extreme**
Unlikely (D)	**Low**	**Medium**	**Medium**	**Medium**	**High**
Rare (E)	**Low**	**Low**	**Medium**	**Medium**	**High**

Risk Treatment Table

Rating of Risk Event	Acceptability	Treatment
Extreme	Unacceptable risk	Risks associated are impossible to manage
High	Acceptable risk if control methods are outlined and implemented	Multiple regulatory control methods are outlined and implemented to decrease associated emissions, outcome and management-based conditions will be considered
Medium	Acceptable if control methods are outlined and implemented to remediate risk, risk of this category is generally tolerable subject under general control	Regulatory controls are outlined and implemented but risk is generally tolerable, outcome-based controls are required for treatment
Low	Acceptable	No treatment needed, risk is acceptable

Attachment 4: Management Plan (Noise and Dust)

(Kindly refer Attachment 6A of Licence Renewal Application Form)

ATTACHMENT 10 FEES CALCULATION

Amendment application fee calculator (effective as of 1 July 2022)

Instrument No.	
Unit value ($)	13.60

Categories	**Units**
13 - Crushing of building material: More than 100 000 but not more than 500 000 tonnes per year	200
62 - Solid waste depot: More than 5 000 tonnes per year	40
63 - Class I inert landfill site: More than 50 000 but not more than 500 000 tonnes per year	80
70 - Screening, etc. of material: Not applicable	24
	0
	0
	0
	0
	0

Note: Amendment fee is determined by the category with the largest fee units

Fee Payable