RESERVE 35593

CONSERVATION AND LAND MANAGEMENT EXECUTIVE BODY
(LESSOR)

and

SHIRE OF DANDARAGAN
(LESSEE)

LEASE NO. 176/100
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SCHEDULE 1

1. LEASED AREA DETAILS

1.1 Leased Area
See attached lease plan

1.2 Land
Reserve no. 35593

1.3 Lessor’s Property
N/A

2. TERM DETAILS

2.1 Original Term
The period of 20 years from the Commencement Date to the Expiry Date.

2.2 Commencement Date
Commencement date 1 August 2021

2.3 Expiry Date
Expiry date 31 July 2041

2.4 Further Term
N/A

3. RENT DETAILS

3.1 Rent
$1.00 if and when demanded.

3.2 Rent Payment Date
To be paid annually in advance, with the first Rent Payment Date on the Commencement Date, and all subsequent Rent Payment Dates on each anniversary of the Commencement Date within 30 days of the receipt of an invoice issued by the Lessor.

3.3 Address for Payment of Rent
Post Office Box 392, Jurien Bay  WA  6516

3.4 Rent Review Date
Each anniversary of the Commencement Date during the Term.

4. PERMITTED USE OF THE LEASED AREA

Gravel Resource Management and Conservation

5. MINIMUM INSURANCE COVER

5.1 Minimum Public Liability Insurance
$20,000,000
6. ADDRESS FOR NOTICES

6.1 Notices to be sent to Lessor
(a) Locked Bag 104, Bentley Delivery Centre
(b) Email: leasing@dbca.wa.gov.au
(c) Attention: Property Unit Leasing Officer

6.2 Address for notices

6.3 Notices to be sent to Lessee
(a) Address: PO Box 676 Jurien Bay WA 6516
(b) Email: council@dandaragan.wa.gov.au
(c) Attention: Executive Manager Infrastructure
THIS DEED OF LEASE

is made on the 3rd day of August 2021 between the following parties:

The CONSERVATION AND LAND MANAGEMENT EXECUTIVE BODY, a body corporate established under section 36 of the Conservation and Land Management Act 1984 (WA), of Locked Bag 104, Bentley Delivery Centre, Bentley Western Australia 6983 ("Lessor")

AND

The SHIRE OF DANDARAGAN of Post Office Box 676, Jurien Bay, Western Australia 6516 ("Lessee")

RECITALS

A. The Conservation and Parks Commission is established under section 18(1) of the CALM Act. Pursuant to section 7 of the CALM Act the land in Reserve no. 35693 (the "Land") is vested in the Conservation and Parks Commission.

B. Pursuant to Section 100 of the CALM Act, the Chief Executive Officer of the Department (the "CEO") has the power to grant a lease in respect of the Land for a term not exceeding 99 years on such terms and conditions as the CEO thinks fit.

C. Section 36 of the CALM Act allows for the Lessor to be established and to be governed by the CEO. Section 37 of the CALM Act allows for the Lessor, as a body corporate, to perform functions of the CEO, including to grant this Lease.

D. The Lessee has applied to the Lessor for a lease of a portion of the Land together with the Lessor's Property in, or forming part of, the leased area (collectively the "Leased Area").

E. The Lessor has agreed to lease the Leased Area to the Lessee for the Term on the terms and conditions set out in this Lease.

F. Pursuant to section 100 of the CALM Act, this Lease shall be laid before each House of Parliament within 14 sitting days of its execution by all parties and will be incorporated into Hansard.

G. The Lessee acknowledges that the Leased Area and surrounding Land is environmentally significant and sensitive and that it will seek to protect the environmental values throughout the Term of this Lease.

THE PARTIES AGREE AS FOLLOWS

1. DEFINITIONS AND INTERPRETATION

1.1 Definitions

In this Lease, unless the context requires otherwise:

Annexures means any and all of the Annexures at the end of this Lease, which Annexures are incorporated in and form part of this Lease.

Authority means any government or any governmental, semi governmental, administrative, fiscal, judicial or quasi-judicial body, department, commission, authority, tribunal, Minister of the Crown, statutory corporation or position, agency, entity or Parliament, whether State, Federal or otherwise.

Authorisation means any approval, agreement, certificate, authorisation, notification, code of conduct, government policy, consent, exemption, filing, licence, notarisation, permit, registration, waiver, compliance report or environmental consent by any Authority required under any Law, and includes any renewal of, or variation to, any of them but does not include any act or omission by the Lessor under this Lease.
Business Day means any day except a Saturday, Sunday or a public holiday in Western Australia.

CALM Act means the Conservation and Land Management Act 1984 (WA) and any subsidiary legislation made under the CALM Act.

Claim means any claim, proceeding, action, cause of action, demand or suit of any nature (including by way of contribution or indemnity) made or asserted under or in connection with this Lease or under any Law.

Commencement Date means the date in item 2.2 of the Schedule.

Contamination is the state of being contaminated as that term is defined in the Contaminated Sites Act 2003 (WA).

Corporations Act means the Corporations Act 2001 (Cth) and any subsidiary legislation made under the Corporations Act.

Department means the department of the public service principally assisting in the administration of the CALM Act.

Environment has the same meaning as that term is defined in the Environmental Protection Act 1986 (WA).

Environmental Harm has the same meaning as that term is defined in the Environmental Protection Act 1986 (WA).

Environmental Law means all planning, environmental, Contamination or Pollution laws and any regulations, orders, directions, ordinances or all requirements, permission, permits or licences issued thereunder.

Environmental Notice means any notice, direction, order, demand or other requirement to take any action or refrain from taking any action from any Authority, whether written or oral and in connection with any Environmental Law.

Event of Default means any of the events specified in clause 18.2.

Expiry Date means the date in item 2.3 of the Schedule.

Forest Produce has the same meaning as in the CALM Act.

GST means GST within the meaning of the GST Act.


Insolvency Event means the happening of any of the following events in relation to the Lessee:

(a) the Lessee is unable to pay all the Lessee's debts as and when they become due and payable or the Lessee has failed to comply with a statutory demand as provided in section 459F of the Corporations Act, or the Lessee is taken to be unable to pay the Lessee's debts under section 585 of the Corporations Act;

(b) a liquidator, administrator, trustee in bankruptcy, receiver or receiver and manager or similar officer is appointed in respect of any of the assets of a corporation;

(c) a corporation enters into voluntary liquidation;

(d) an order is made for the administration, dissolution or winding up of a corporation;

(e) an application is made for the administration, dissolution or winding up or a corporation which application is not stayed within 10 Business Days after being made;

(f) a resolution is passed for the administration or winding up of a corporation other than for the purposes of a solvent reconstruction or amalgamation on terms approved by the other party;
(g) the appointment of a controller (as defined in section 9 of the Corporations Act) of any of the Lessee’s assets;

(h) the Lessee proposes to enter into or enters into any form of arrangement (formal or informal) with the Lessee’s creditors or any of them, including a deed of company arrangement;

(i) the Lessee becomes an insolvent under administration, as defined in section 9 of the Corporations Act, or action is taken which could result in that event;

(j) a person dies, ceases to be of full legal capacity or otherwise becomes incapable of managing its own affairs for any reason; and

(k) anything analogous or having a substantially similar effect to any of the events specified above happens under the Law of any applicable jurisdiction.

**Land** means the area of land described in item 1.2 of the Schedule.

**Law** means all present and future laws including:

(a) all statutes, regulations, proclamations, ordinances or by-laws, present or future, and whether State, Federal or otherwise, and includes Environmental Law;

(b) Authorisations;

(c) rules or principles of the common law or equity; and

(d) standards, codes, policies and guidelines.

**Lease** means this lease including the Schedule and Annexures, as it is amended from time to time, varied, supplemented, replaced, extended, renewed or assigned, as permitted by this lease, and includes any deed of variation of this lease.

**Leased Area** means the leased area the subject of this Lease as described in item 1.1 of the Schedule together with the Lessor’s Property in, or forming part of, the leased area.

**Lessee’s Property** means any plant or equipment and fittings not owned by the Lessor and which the Lessee brings on to the Leased Area during the Term.

**Lessee’s Visitors** means each of the Lessee’s employees, agents, contractors, service suppliers, sub-lessees, customers, invitees, guests, volunteers, licensees, sub-licensees and other visitors and any other person who at any time is on the Leased Area with or without the express or implied consent of the Lessee.

**Lessor’s Agents** includes the Lessor and the officers, agents, servants, employees, advisors, consultants and contractors of the Lessor and the State.

**Lessor’s Property** means all:

(a) buildings and other structures, fences, improvements, and other fixtures within the Leased Area, whether constructed or installed before or during the Term;

(b) any plant or equipment or other goods in, or fixed to, the Leased Area which are not the Lessee’s Property; and

(c) those items (if any) listed in item 1.3 of the Schedule.

**Loss** means any loss, cost (including legal costs), expense, injury, debt, compensation, liability (whether arising in negligence or otherwise) or damage whether direct, indirect or consequential (including pure economic loss), present or future, ascertained or unascertained, actual, prospective or contingent, or any fine or penalty.

**Parties** means the Lessor, the Lessee and "party" is a reference to any of them.
Permitted Use means the use described in item 4 of the Schedule.

Pollution has the same meaning as that term is defined in the Environmental Protection Act 1986 (WA).

PPSA means the Personal Property Securities Act 2009 (Cth).

PPS Law means the PPSA and any amendment made at any time to the Corporations Act 2001 (Cth) or any other legislation as a consequence of the PPSA.

Rates and Taxes means any rate, tax, levy or any other charge imposed at any time during the Term of this Lease by any State, local or Federal governmental body, authority, department or instrumentality or any other authority of any kind, in relation to the supply or use of the Leased Area or anything under or in connection with this Lease.

Relevant Land means the Leased Area and the Surrounding Area.

Rent means the amount of rent specified in item 3.1 of the Schedule as varied from time to time under this Lease.

Rent Payment Date means the date on which Rent is due and payable under this Lease as specified in item 3.2 of the Schedule.

Rent Review Date means each of the dates specified in item 3.4 of the Schedule on and from which the Lessor may vary the Rent under clause 5.2.

Schedule means the Schedule at the front of this Lease, which is incorporated in and forms part of this Lease.

Security Interest means any one or more of:

(a) a mortgage, charge, sub-demise, lien, trust or power, which is a security for the payment of money or the compliance with any other obligation; and

(b) a "security interest" within the meaning of the PPSA.

Services means all services running through or servicing all or part of the Leased Area, whether installed by the Lessor or Lessee, including air conditioning, electricity, gas, water, sewerage, drainage, telecommunications and fire sprinkler systems and all associated pipes, ducts, cables, wiring, connections, equipment and facilities.

State means the State of Western Australia and includes any department, agency, emanation or instrumentality of the State of Western Australia, the Parliament and any Minister, whether body corporate or otherwise, and each of their respective employees, agents, contractors, servants, advisors and consultants.

Surrounding Area means the land or water adjacent to or in the vicinity of the Leased Area and the air generally above the Leased Area, and includes an affected site within the meaning of that term as defined in the Contaminated Sites Act 2003 (WA).

Term means the original term for which the Leased Area is let by the Lessor to the Lessee as referred to in item 2.1 of the Schedule and every period of holding over, every renewed or extended term of this Lease and any other period during which the Lessee occupies or uses the Leased Area with the Lessor's expressed or implied consent.

1.2 Interpretation

In this Lease, unless the context indicates otherwise:

(a) a reference to the Lessee includes the Lessee's employees, agents, contractors, sublessees, licensees, customers, invitees and any other person who is in the Leased Area with the Lessee's permission (direct or implied);

(b) a reference to a statute, code or other law includes regulations and other instruments under it and consolidations, amendments, re-enactments or replacements of any of them occurring at any time before or after the Commencement Date;
(c) the singular includes the plural and vice versa;

(d) references to a "person" includes an individual, a firm, a body corporate, an unincorporated association, an Authority, a joint venture (whether incorporated or unincorporated) or a partnership;

(e) an obligation, representation or warranty on the part of or in favour of two (2) or more persons binds, or is for the benefit of, them jointly and severally;

(f) each obligation of a party to this Lease has effect as a covenant given in favour of the party who may enforce the obligation;

(g) if a period of time is expressed to be calculated from or after a specified day, that day is not included in the period;

(h) a reference to a day is a reference to the 24-hour period commencing at midnight;

(i) a reference to time is a reference to Western Australian Standard Time;

(j) a reference to a month is to a calendar month and a reference to a year is a calendar year;

(k) headings are for convenience only and do not affect the interpretation of this Lease;

(l) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;

(m) no rule of construction applies to the disadvantage of a party on the basis that the party drafted this Lease or any part;

(n) any reference to "information" will be read as including information, representations, statements, data, samples, calculations, assumptions, deductions, determinations, drawings, designs, specifications, models, plans, records and other documents in all forms including the electronic form in which it was generated;

(o) if the word "including" or "includes" is used, the words: "without limitation" are deemed to immediately follow;

(p) a reference to the termination of this Lease includes the expiry of the Term;

(q) if a party consists of a consortium of two or more persons whether by way of partnership or joint venture or otherwise, then:

(i) an obligation imposed on a party under this Lease binds each person who comprises that party jointly and severally;

(ii) each person who comprises a party agrees to do all things necessary to enable the obligations imposed on that party under this Lease to be undertaken; and

(iii) the act of one person who comprises a party binds the other person or persons who comprise that party;

(r) a reference to any party or person includes their and each of their legal representatives, executors, administrators, successors and permitted substitutes and assigns, including any person taking part by way of novation;

(s) reference to any authorities, associations and bodies whether statutory or otherwise shall in the event of any such authority association or body ceasing to
exist or being re-constituted or re-named or replaced or the powers or functions thereof being transferred to any other authority association or body be deemed to refer respectively to the authority association or body established or constituted in lieu thereof or as nearly as may be succeeding to the powers or functions thereof;

(t)  a reference to this Lease or to any other deed, agreement, document or instrument is deemed to include a reference to this Lease or such other deed, agreement, document or instrument as amended, novated, supplemented, varied or replaced from time to time;

(u)  a reference in this Lease to a clause or an item is a reference to a clause of this Lease or an item of the Schedule, respectively; and

(v)  a reference to a contractor includes a subcontractor at any tier.

2. GRANT OF LEASE

The Lessor leases the Leased Area to the Lessee pursuant to the CALM Act for the Term on the terms and conditions of this Lease and the Lessee accepts this Lease.

3. QUIET ENJOYMENT

For as long as the Lessee complies with this Lease, the Lessee may occupy and use the Leased Area during the Term without disturbance or interference by the Lessor except as permitted by this Lease or by Law.

4. RENT

4.1 Amount of Rent

The Lessee must pay to the Lessor the Rent on and from the Commencement Date for the entirety of the Term.

4.2 Manner of Payment

The Lessee must pay to the Lessor the Rent:

(a) by consecutive annual payments in advance on each Rent Payment Date;

(b) at the place and in the manner notified by the Lessor in writing at any time or in the absence of that direction, at the address specified in Item 3.3 of the Schedule; and

(c) in accordance with clause 22.5 of this Lease.

If this Lease is terminated other than by the expiry of the Term, the Rent payable by the Lessee to the Lessor in respect of that portion of the year prior to the termination of this Lease will be a proportionate part of the Rent for that year subject to the provisions of clause 18.

5. VARIATION OF RENT

5.1 Definitions

In this clause 5.1:

(a) CPI means the Consumer Price Index (All Groups) for Perth, Western Australia, published by the Australian Bureau of Statistics. If that index ceases to exist, "CPI" will mean the index which replaces it or (if none does) the index which most closely measures changes in the cost of living in Perth, Western Australia, as nominated by a senior officer of the Australian Bureau of Statistics.
(b) **CPI Method** means the amount determined by the following formula:

\[
A = \frac{B}{C} \times D
\]

Where:

- **A** = the adjusted Rent payable from (and including) the relevant Rent Review Date in accordance with clause 4.2;
- **B** = the September quarter CPI as last published by the Australian Statistician prior to the relevant Rent Review Date;
- **C** = the September quarter CPI as last published before the latter of the Commencement Date or the immediately preceding Rent Review Date; and
- **D** = the amount of the Rent applying immediately before the relevant Rent Review Date.

(c) **Crown Land Rent** means the annual rent that could reasonably be expected to be obtained for the Leased Area taking into account:

1. the approved use and utility conferred under this Lease;
2. the nature of the Lessee (in this regard, the Lessee is required to keep proper and audited accounts in connection with the Permitted Use and its use of the Leased Area, retain these accounts for a period of at least three years and make available to the Lessor (and Valuer, if appointed under clause 5.3(b)) all accounts upon request for the purpose of assisting the Lessor to undertake Crown Land Rent reviews);
3. the provisions of this Lease;
4. the period between Crown Land Rent reviews as set out in clause 5.3(a);
5. the full length of the Term (including any option to extend); and
6. any improvement to the Leased Area,

but disregarding:

7. the consequences of any breach by the Lessee of this Lease which may have adversely affected the condition or rental value of the Leased Area;
8. any part of the Term that has expired; and
9. the value of the Lessee's Property and any goodwill created by the Lessee's business or activities to the Leased Area.

(d) **Valuer** means a person who:

1. is a fellow or an associate, of not less than 5 years standing, of the Australian Property Institute and is practising and licensed under the Land Valuers Licensing Act 1978 (WA) at the time of appointment; and
2. has at least 5 years of experience in valuing areas of a similar nature of the Leased Area.

5.2 **CPI Rent Review**

With effect on and from each Rent Review Date, the Lessor may vary the Rent payable by the Lessee under this Lease to an amount that is the higher of:
(a) the Rent payable by the Lessee immediately before the relevant Rent Review Date; and

(b) the amount calculated by using the CPI Method.

5.3 Crown Land Rent reviews

(a) The Lessor may review the Rent payable by the Lessee under this Lease and vary the Rent to an amount that is the Crown Land Rent during the Term so long as:

(i) the Lessee is given at least 12 months' notice of the Lessor's intention to conduct a Crown Land Rent review and vary the rent accordingly under this clause 5.3; and

(ii) Crown Land Rent reviews are carried out no more than once every 5 years during the Term.

(b) The Lessor will give the Lessee notice of the varied Rent promptly after completing each Crown Land Rent review. The Lessee, upon receipt of such notice, may within 14 days require the Lessor to have the amount of the varied Rent determined by a mutually acceptable Valuer either:

(i) agreed to by each of the parties; or

(ii) failing such agreement, appointed by the President for the time being of the Australian Property Institute (WA Division) at the request of either party.

(c) The Valuer appointed under this clause will act as an expert and must determine the Crown Land Rent for the Leased Area within 40 Business Days. If the Crown Land Rent determined by the Valuer under this clause 5.3(c) differs to the Crown Land Rent determined by the Lessor under clause 5.3(a), the varied Rent will be the greater of:

(i) the Rent payable by the Lessee immediately before the Crown Land Rent review; and

(ii) the Crown Land Rent determined by the Valuer under this clause 5.3(c).

(d) The varied Rent determined in accordance with this clause 5.3 takes effect and is payable on and from the end of the notice period required by clause 5.3(a)(i).

(e) The fees charged by the Valuer shall be borne equally by the parties to this Lease.

5.4 Omitted Rent Reviews

No delay by the Lessor in undertaking any CPI Rent reviews or Crown Land Rent reviews of the Rent prevents the Lessor from requiring at any time that the Rent must be reviewed with effect from the respective dates for review of the Rent specified in clauses 5.2 and 5.3 respectively.

6. OUTGOINGS

6.1 Rates and Taxes

(a) The Lessee must pay the Rates and Taxes either to the relevant Authority before those Rates and Taxes become overdue or, in the case of any Rates and Taxes imposed on the Lessor, to the Lessor as required by the Lessor whenever the Rates and Taxes become payable.
(b) If any of the Rates and Taxes are not assessed separately on the Leased Area but also on other property which includes the Leased Area, the amount which the Lessor can require the Lessee to pay is the same proportion of those Rates and Taxes as the area of the Leased Area bears to the area of the property the subject of the assessment.

(c) The Lessee must at the request of the Lessor produce to the Lessor the receipts of payment of the Rate and Taxes where these are paid to the relevant Authority.

6.2 Service Charges

(a) The Lessee must pay all charges for Services which are imposed in respect of the Leased Area either to the supplier of the Services before those charges become overdue or, in the case of any such charges imposed on the Lessor, to the Lessor within 30 Business Days after the Lessor requests payment.

(b) If any Services are assessed or imposed in respect of other property as well and not only in respect of the Leased Area, the Lessee must pay a proportion of those Services to the Lessor within 30 Business Days after the Lessor requests payment. The proportion is the proportion that the Leased Area bears to the area of the property the subject of the assessment or imposition.

7. GOODS AND SERVICES TAX

7.1 Definitions

Expressions set out in italics in this clause have the same meaning as those expressions in the GST Act.

7.2 Amounts payable by Lessee exclusive of GST

Except where express provision is made to the contrary, all amounts payable by the Lessee specified in this Lease are stated exclusive of GST.

7.3 Liability to pay any GST

If the Lessor makes a taxable supply in connection with this Lease for a consideration which represents an amount which is exclusive of GST, then the Lessee must pay to the Lessor, at the same time and in the same manner as such consideration is otherwise payable, the amount of any GST payable in respect of the taxable supply.

7.4 Reimbursements

If this Lease requires the Lessee to pay, reimburse or contribute an amount paid or payable by the Lessor in respect of an acquisition from a third party for which the Lessor is entitled to claim an input tax credit, the amount required to be paid, reimbursed or contributed by the Lessee will be the value of the acquisition by the Lessor plus, if the Lessor's recovery from the Lessee is a taxable supply, any GST payable under clause 7.3.

7.5 Tax invoice

The Lessor shall provide to the Lessee a valid tax invoice in respect of any GST paid pursuant to clause 7.3 within 28 days of the Lessee's request to do so.

8. USE OF LEASED AREA

8.1 Permitted Use

The Lessee may only use the Leased Area for the Permitted Use and must not use the Leased Area for any other purpose unless the Lessor consents in writing. Gravel from the Leased
Area shall only be used by the Lessee or any other person authorised by the Lessee for the Shire of Dandaragan's purposes.

8.2 Lessee's own enquiries and no representation

(a) The Lessee has relied on its own enquiries about:

(i) the suitability of the Leased Area for any purpose to which it is to be put and not on any representation from the Lessor;

(ii) all planning and any other requirements, prohibitions or restrictions applying to the Leased Area under any Law or as a result of the requirements or orders of any Authority; and

(iii) the Services (if any) that supply the Leased Area and their state of repair.

(b) The Lessee acknowledges that no representation was given by the Lessor that the Leased Area or any part of the Lease Area is suitable for the carrying out of the Permitted Use, including any development of the Leased Area or the carrying out of the Lessee's business or other activities.

(c) Any defect, problem or other issue which is found to exist on, around or in respect to the Leased Area in no way relieves the Lessee of its obligations under this Lease and the Lessee will be responsible and the bears the costs for all works and other activities required to resolve the defect, problem or other issue.

8.3 No warranty by Lessor

The Lessor does not make or give any warranty or representation of any kind, either expressly or impliedly, that the Leased Area is or will remain suitable for all or any of the purposes of the Lessee. Any warranty in relation to the Leased Area which is implied by Law is excluded to the extent that the Law permits the warranty to be excluded.

8.4 Contamination, Pollution or Environmental Harm at Lessee's risk

(a) The Lessee relies on its own investigations concerning the existence, non-existence, level or quantity of Contamination, Pollution or Environmental Harm on the Relevant Land.

(b) The Lessor does not make any representation or warranty concerning the existence, non-existence, level or quantity of Contamination, Pollution or Environmental Harm on the Relevant Land.

(c) If the Lessee becomes aware of any Pollution, Contamination or Environmental Harm affecting the Leased Area, the Lessee may elect to either:

(i) remediate the Leased Area at the Lessee's cost, to a state that, in the opinion of the Lessee, is suitable; or

(ii) continue in possession of the Leased Area in accordance with the terms of this Lease at its own risk.

9. BUILDING WORK, MAINTENANCE AND REPAIR AND CLEANING

9.1 No damage or alteration without consent

(a) The Lessee must not cause or allow damage to the Leased Area, or modify or interfere with the Services without the Lessor's consent. If the Lessee becomes aware of any damage to the Leased Area or defective operation of any of the Services, the Lessee must immediately notify the Lessor.
(b) The Lessee must not make any alterations or additions to the Leased Area without first obtaining the Lessor's consent and subject to compliance with clause 9.4 of this Lease.

9.2 Maintenance and repair

The Lessee must at its cost:

(a) maintain the Leased Area, including all drains, access tracks, roads, signage, fences, sanitary and water apparatus, windows, doors, locks, keys, fastenings and other fixtures and fittings, in good and substantial repair and condition;

(b) promptly repair any damage to the Leased Area to the same or similar quality to that in place on the Commencement Date, including carrying out any work of a structural nature required to comply with this clause 9.2(b);

(c) keep and maintain the Lessee’s Property (including any signs) located on the Leased Area, and the Lessor’s Property, in good and substantial repair and condition and replace items that are lost, worn out, destroyed or rendered unserviceable with items of the same nature; and

9.3 Services

(a) The Lessee acknowledges that the Lessor has no obligation to and is not responsible for providing any Services to the Leased Area or maintaining, repairing or replacing any Services within the Leased Area or outside of the Leased Area where those Services exist for the purposes of providing Services to the Leased Area.

(b) If the Lessee requires any additional Services during the Term that are not already present on, in or under the Leased Area as at the Commencement Date, then the Lessee must obtain the Lessor’s approval in writing and, if such approval is given, the Lessee must construct, install and connect the additional approved Services in accordance with clause 9.4 of this Lease except to the extent (if any) the Lessor agrees in writing to provide all or part of the additional Services.

(c) The Lessee acknowledges its obligations to maintain and repair the Leased Area under clauses 9.2(a) and 9.2(b) of this Lease apply to the Services. The Lessee must also maintain and repair all damage to Services outside of the Leased Area where those Services exist for the purposes of providing Services to the Leased Area.

(d) The Lessee is responsible for obtaining permission to access land and all Authorisations to construct, install and connect any Services outside of the Leased Area required for the purposes of the Leased Area.

9.4 Building work

If the Lessee is permitted to construct or install anything on, in or under the Leased Area, or is required under this Lease or by Law or an Authority to carry out work (including the making of repairs), the Lessee must at its cost in respect of such work:

(a) obtain the Lessor’s written approval to the plans and specifications for the work before carrying out the work (which approval may be subject to conditions);

(b) obtain any Authorisations required for the work, including development approval and building licences;

(c) comply with those Authorisations and any other requirements of any Authority and all Laws and applicable building standards which apply to the work;
(d) carry out the work in a safe and proper manner and strictly in accordance with the plans and specifications for the work approved by the Lessor, including any conditions of approval;

(e) use only good quality (and new where required by the Lessor) materials and employ only qualified, skilled and competent persons; and

(f) pay any costs incurred by the Lessor to:
    (i) provide its approval; and
    (ii) supervise the work if the Lessor requires,

including fees paid to architects, engineers, contractors or other advisors.

9.5 Historical significance of Leased Area

(a) The Lessee acknowledges that:
    (i) the whole or part of the Leased Area may be of historical significance; and
    (ii) special circumstances and obligations may apply upon the Lessee seeking to make any alterations or undertaking any works to the Leased Area.

(b) The Lessee must not at any time during the Term dig or otherwise disturb the ground surface of the Leased Area without:
    (i) the Lessor’s prior written consent; and
    (ii) first obtaining all necessary Authorisations from all relevant Authorities, including obtaining all necessary archaeological, heritage or native title clearances, required for that ground-breaking activity.

(c) The Lessee must notify the Lessor, and report to the relevant Authority as required by Law, if it finds or locates any items or places of historical significance and must comply with reasonable directions provided in response to the notice or report.

9.6 Cleaning and waste management

(a) The Lessee must, at its own cost:
    (i) keep the Leased Area and, where the Lessee is able to lawfully do so, the Surrounding Area for a distance of 10 metres from the Leased Area boundary, clean and tidy and free from rubbish, vermin and pests; and
    (ii) ensure the Lessee’s Visitors do not do anything to cause rubbish, vermin or pests in the Leased Area and the Surrounding Area;

10. LESSEE’S ENVIRONMENTAL OBLIGATIONS

10.1 Fire prevention and emergency response

(a) If required by the Lessor, the Lessee must as soon as reasonably practicable after the Commencement Date, prepare an emergency response plan that meets the requirements of the Lessor as advised in writing (ERP). The ERP must be reviewed and updated by the Lessee and submitted for approval by the Lessor as required. Each latest approved ERP must be implemented by the Lessee.

(b) The Lessee must not do or omit to do anything which causes or may cause a fire on the Leased Area.
(c) The Lessee must use all reasonable precautions to prevent fires in or around the Leased Area and comply with all directions concerning fire prevention and control given to the Lessee by the Lessor or any Authority.

(d) If a fire is detected in or around the Leased Area, the Lessee must immediately:

(i) call the 000 emergency number and report the fire and comply with any directions given;

(ii) notify the Lessor and comply with any directions given;

(iii) take all reasonable and safe action which the Lessee is able to take to try to extinguish or contain the fire; and

(iv) implement all applicable measures in the latest approved version of the Lessee's ERP.

10.2 Contamination, Pollution and Environmental Harm

(a) The Lessee must not cause or permit any Contamination, Pollution or Environmental Harm of the Relevant Land with the exception of clearing of native vegetation within the Leased Area for the Permitted Use in accordance with the conditions of an authorised native vegetation clearing permit and must take all measures necessary to prevent Contamination, Pollution or Environmental Harm of the Relevant Land, including the use or storage of any chemicals and other potential pollutants in a way that prevents their access or spread to the environment.

(b) The Lessee must notify the Lessor immediately on becoming aware of:

(i) the existence of any Contamination;

(ii) any Pollution affecting, or the potential for Pollution to affect, the Relevant Land;

(iii) an Environmental Notice being served on the Lessee or any other person which relates to or arises from the Lessee's use or occupation of the Leased Area; or

(iv) the making of a complaint to any person, including to the Lessee or the commencement of proceedings against the Lessee relating to an alleged failure by the Lessee to observe or perform an obligation under an Environmental Law or Authorisation.

(c) The Lessee must, at its cost, comply with every Environmental Notice issued in respect of, arising from or relating to, the Lessee's use or occupation of the Leased Area, whether the notice is served on Lessor or the Lessee.

(d) Without affecting:

(i) the obligations of the Lessee at Law or in this clause 10; or

(ii) limiting any right of, or indemnity in favour of, the Lessor,

if any Contamination, Pollution or Environmental Harm occurs, the Lessee must do everything necessary to minimise the effect of the Contamination, Pollution or Environmental Harm as soon as reasonably practicable and must remediate any resultant damage and harm, to the absolute satisfaction of the Lessor and in compliance with any Environmental Notice or Environmental Law.
(e) The obligations of the Lessee under this clause 10.2 continue after the expiration or earlier determination of this Lease.

10.3 Environmental Authorisations

(a) The Lessee must:

(i) obtain any Authorisation required under Environmental Law for any conduct, activity or use undertaken by the Lessee on the Leased Area, including the Permitted Use, before that conduct, activity or use is undertaken and keep all such Authorisations in full force and effect throughout the Term;

(ii) use the Leased Area in a manner which complies with each Environmental Law and each Authorisation held by the Lessee in accordance with sub-clause 10.3(a)(i); and

(iii) not do or omit to do any act which may directly or indirectly result in the revocation, suspension or modification of an Authorisation in relation to the Leased Area or any conduct or activity relating to the use or occupation of the Leased Area.

(b) Nothing in this Lease is to be taken as exempting the Lessee from or limiting the obligation of the Lessee to comply with all Environmental Law.

10.4 Protection of vegetation and soil

(a) The Lessee must take all reasonable actions necessary to:

(i) prevent, rectify or ameliorate any erosion, drift or movement of sand or soil from the Leased Area.

(b) The Lessee may only use timber on the Leased Area for fencing or other authorised improvements and only after obtaining the Lessor's written consent.

(c) This Lease does not grant to the Lessee any rights to Forest Produce on the Leased Area.

10.5 Prevention of diseases and pests

(a) The Lessee must:

(i) comply with all of the Lessor's directions relating to the prevention of, or minimising the impact or spread of, any diseases or pests in connection with the Leased Area; and

(ii) arrange for the washing of vehicles and equipment upon entry into and exit from the Leased Area and other measures as may be necessary (including as directed by the Lessor) to prevent the spread of Phytophthora cinnamoni (dieback).

(b) The Lessee must control declared plants and declared animals as defined in the Agriculture and Related Resources Protection Act 1976 (WA) in relation to the Leased Area, as required by that Act.

10.6 Dangers or threats to the public

(a) The Lessee must take all measures necessary to prevent accidents and to protect the safety of the Lessee's Visitors and the public generally on the Leased Area, including warning the public of any actual or potential dangers or threats.
(b) If the Lessee believes it needs to prune or remove any vegetation which it considers is in a dangerous condition or which may threaten the safety of any person, it may only do so after consultation with the Lessor, unless the taking of such action is immediately required to protect people or property.

10.7 No degradation of the Environment

(a) In this clause 10.7, Degradation includes:

(i) destroying, spoiling, excavating, polluting, contaminating or changing (including adding to) the land, air or water on or comprising the Relevant Land or its natural features or characteristics (including topography);

(ii) destroying, cutting, injuring, threatening or jeopardising any flora or fauna on, in or inhabiting the land, air or water comprising the Relevant Land;

(iii) removing stones, rocks, earth, sand, soil or other material from the Leased Area;

(iv) introducing or bringing onto the Leased Area any flora or fauna or disease, or harming or endangering any flora or fauna on the Leased Area;

(v) lighting fires on or near the land, air or water comprising the Relevant Land;

(vi) altering the natural drainage on the Leased Area or taking water from the local environment;

(vii) the causing or leaving of rubbish, useless material, pollutants or contaminants on or in the land, air or water comprising the Relevant Land;

(viii) the application of fertilisers; and

(ix) anything else which in connection with the Leased Area may be harmful to the environment.

(b) The Lessee acknowledges that the Leased Area may be environmentally sensitive and that the Lessor has a general duty to protect the environment.

(c) Without limiting the Lessee's obligations in this clause 10, unless expressly authorised under this Lease the Lessee must not effect, cause or suffer any Degradation without first obtaining the consent of the Lessor.

(d) If Degradation has occurred, the Lessee must promptly notify the Lessor in writing and, at its own cost, restore the environment to the condition it was in immediately before the Degradation occurred to the Lessor's satisfaction.

(e) The Lessee must, at its cost, promptly comply with any directions of the Lessor in respect of the Degradation caused or contributed to by the Lessee, the restoration of the environment or the prevention of any future Degradation.

11. LESSEE'S GENERAL OBLIGATIONS

11.1 Obligations

The Lessee must:

(a) conduct the Lessee's business or activities in the Leased Area in a safe and proper manner;
(b) ensure that the Lessee's officers, employees, contractors, agents, service suppliers, sublessees, licensees and sub-licensees maintain a high standard of professional and courteous conduct towards the Lessee's customers, invitees, guests, volunteers and other visitors, the Lessor, the Lessor's Agents and the general public;

(c) use its best endeavours to ensure that the Lessee's Visitors to the Leased Area comply with all Laws applicable to the Land and any rules that the Lessor may make from time to time;

(d) use its best endeavours to protect and keep safe any property on the Leased Area from theft or robbery and securely lock all exterior doors and windows of any property when not occupied;

(e) allow persons having an interest in the Leased Area superior to, or concurrent with, the Lessor's interest to exercise the Lessor's or that other person's rights and perform their obligations in connection with the Leased Area;

(f) withdraw any 'subject to claim' caveat lodged to protect the Lessee's interest under this Lease at the termination, or on an assignment, of this Lease;

(g) promptly give the Lessor a copy of every notice from any Authority received by the Lessee relating to the Leased Area;

(h) immediately notify the Lessor if the Lessee becomes aware of any threat to the Leased Area and comply with the Lessor's directions for the purpose of protecting property or persons in the Leased Area;

(i) promptly inform the Lessor after becoming aware of any damage to the Leased Area or of the faulty operation of any Services;

(j) abide by and comply with any rules that the Lessor may make from time to time; and

(k) if so required by the Lessor:

(i) erect and maintain a fence around the boundary of the Leased Area and ensure that the fence:

(A) is a "sufficient fence" within the meaning of the Dividing Fences Act 1961 (WA);

(B) is adequate to keep unauthorised persons and animals out of the Leased Area; and

(C) includes gates on or in respect to such fence; and

(ii) at all times keep such fence and gates in good and substantial order, repair and condition."

11.2 Negative obligations

In connection with the Leased Area, the Lessee must not (and must not permit anyone else to):

(a) give any person a Security Interest in the Leased Area;

(b) modify, interfere with or obstruct the operation of or access to the Services;
(c) do anything which is offensive, illegal or a nuisance and must promptly abate any nuisance which does occur;

(d) do, cause or omit to do any act or thing that may detract from the reputation of the Lessor, the Land or the Leased Area;

(e) store or use inflammable or explosive substances, including fuels, paint, solvents and pesticides in the Leased Area except those normally used for any activity included in the Permitted Use but then only if they are stored in proper containers and used only in accordance with all relevant Laws and the requirements of any Authority;

(f) use any public facilities near the Leased Area, including toilets and drains;

(g) place on, or on any window or exterior surface of any building or other structure forming part of, the Leased Area, any signs, advertisements, televisions, antennae, amplifiers, loudspeakers, radio, mast or other apparatus (either temporarily or permanently), except as authorised by this Lease or in writing by the Lessor;

(h) permit any other person to carry on business on or from the Leased Area;

(i) use the Leased Area as a residence, other than for an approved caretaker’s residence for security purposes;

(j) bring on the Leased Area any heavy machinery or other plant and equipment which is not reasonably necessary or proper for the Permitted Use, and in no circumstances is any such machinery, plant or equipment to be of such nature or size as may cause any damage to or degradation of the Leased Area; or

(k) vacate the Leased Area, except as required by this Lease, or abandon the Leased Area.

11.3 No absolute caveat

The Lessee must not lodge an absolute caveat affecting the Leased Area to protect the Lessee’s interest under this Lease.

11.4 Lessee’s warranty

The Lessee warrants that it has the power to enter into this Lease and to perform and observe the Lessee’s covenants contained in this Lease.

11.5 Cost of complying with obligations

Unless otherwise stated in this Lease, the Lessee must pay the cost of performing or complying with every obligation of the Lessee under this Lease.

12. COMPLIANCE WITH LAWS AND REQUIREMENTS

At all times during the Term, the Lessee must at its expense:

(a) comply with all applicable requirements of any Authority and all Laws relevant or applicable to, or in connection with, this Lease, the Leased Area, the Lessee’s Property and the Lessee’s activities in relation to the Leased Area;

(b) obtain, maintain and comply with all Authorisations required to use the Leased Area for the Permitted Use; and
pay when due to the relevant Authority all application and other fees of and
incidental to the obtaining and maintaining of the Authorisation of any relevant
Authority.

13. INSURANCE

13.1 Lessee's insurance

(a) Throughout the Term, the Lessee must effect and maintain with a reputable insurer
at the Lessee's expense the following insurance policies in the names of the
Lessee and Lessor for their respective rights and interests:

(i) public liability and products liability insurance of at least the amount
specified in item 5.1 of the Schedule for each occurrence in the Leased
Area and unlimited as to the number of occurrences;

(ii) a property insurance policy to cover the Leased Area (including the
Lessor's Property) and the Lessee's Property (including vehicle insurance)
to their full insurable replacement value against all usual risks against
which a prudent tenant should ordinarily insure, including but not limited to
loss or damage occasioned by fire, fire-fighting activities, fusion, explosion,
lightning, civil commotion, storm, tempest, flood, earthquake, burglary and
malicious damage;

(iii) workers' compensation insurance in accordance with the provisions of the
Workers' Compensation and Injury Management Act 1981 (WA), including
cover for common law liability for any one occurrence and unlimited as to
the number of occurrences; and

(iv) any other insurance required by law as a result of the Lessee's use of the
Leased Area or which the Lessor acting reasonably may from time to time
require the Lessee to effect and maintain.

(b) Each policy of insurance effected and maintained as required by clause 13.1(a)
must:

(i) provide that each party named in the insurance policy is to be treated as
separate insured parties and the insurers waive rights of subrogation
against the Lessor and the State;

(ii) include a cross liability endorsement for the benefit of the Lessor and the
State so that the insurance policy operates in the same manner as if there
were a separate policy of insurance covered each such party;

(iii) provide that any breach of the conditions of the insurance policy by an
insured other than the Lessor or the State must not in any way prejudice
or diminish any rights which the Lessor has under the insurance policy;

(iv) provide that the insurance policy is primary with respect to the interests of
the Lessor and the State, and any other insurance or self-insurance
arrangements maintained by the Lessor or the State is in excess to and not
contributory with the insurance policy; and

(v) provide that a notice of claim given to the insurer by an insured other than
the Lessor will be accepted by the insurer as a notice or claim given also
by the Lessor.
13.2 Variation of insurance amount

The Lessor may by notice to the Lessee at any time require the Lessee to increase the minimum cover for any of the Lessee's insurance policies required under clause 13.1 if in the circumstances it is reasonable for the cover to be increased. The Lessee must promptly increase the amount or extent of cover at its cost as and when notified by the Lessor.

13.3 Insurance obligations

The Lessee must:

(a) pay all insurance premiums on all policies referred to in clause 13.1 before the due date for payment and, when reasonably requested by the Lessor, provide evidence of payment;

(b) produce to the Lessor evidence of currency certified by the insurer for each of the insurance policies upon effecting, the renewal of or a change of each insurance policy and when reasonably requested by the Lessor;

(c) not surrender, let lapse or cancel any of the insurance policies referred to in clause 13.1;

(d) immediately notify the Lessor if an event occurs which may give rise to a claim under any insurance policy referred to in clause 13.1 or which could adversely affect either or both parties or if an insurance policy is cancelled and must not settle, compromise or waive any claims in respect of any such insurances except on terms first approved by the Lessor in writing;

(e) immediately expend and apply all money recovered in respect of any claim against an insurance policy referred to in clause 13.1 in and towards the satisfaction of the liability or the payment of damages or the reinstatement or replacement of the property for which that money is received; and

(f) on demand make up from the Lessee's own money any deficiency, shortfall or insufficiency of money recovered from insurance for that purpose.

13.4 Voiding insurance policies

(a) Unless the Lessor consents, the Lessee must not:

(i) do or allow anything to be done which could adversely affect any insurance taken out by the Lessor in connection with the Leased Area or which could increase the cost of obtaining that insurance; or

(ii) settle, compromise or waive any claim under any policy of insurance held by the Lessor relating to the Leased Area.

(b) If the Lessee or Lessee’s Visitors do or cause or omit to do anything which has the effect of invalidating or avoiding any policy of insurance taken out by either the Lessor or the Lessee, or by virtue of which the insurer may lawfully refuse a claim in whole or in part, then the Lessee must pay on demand any resulting cost, expense, injury, damage, liability or loss which the Lessor suffers, sustains or incurs and (without limiting any other rights or remedies of the Lessor) must pay to the Lessor on demand any increased amount of premium which may be charged on any such insurance.

(c) If the Lessee or Lessee’s Visitors does or causes or omits to do anything which causes the Lessor to claim on any policy of insurance taken out by the Lessor, the Lessee must pay any excess payable on that policy in respect of or in consequence of that claim to the Lessor on demand.
13.5 No limitation of other liabilities

Nothing in this clause 13 limits the Lessee's other liabilities or obligations under this Lease or restricts the Lessee from insuring for sums or risks greater than those required under this Lease.

14. INDEMNITIES AND RELEASE

14.1 Indemnities by the Lessee

(a) The Lessee indemnifies and must keep indemnified the Lessor and the State from and against any and all Claims and Loss incurred or suffered (by either or both of the Lessor and the State) that is caused by, contributed to or arises out of or in connection with (whether directly or indirectly):

(i) any breach of this Lease by or on behalf of the Lessee;

(ii) the use or occupation of the Leased Area by the Lessee or the Lessee's Visitors;

(iii) any work carried out by, for or on behalf of the Lessee on or in respect to the Leased Area;

(iv) the Lessee's activities, operations, business or other use of any kind under this Lease;

(v) the presence of Contamination, Pollution or Environmental Harm in, on or under the Relevant Land caused or contributed to by the act, neglect or omission of the Lessee or the Lessee's Visitors;

(vi) any act, omission or default of the Lessee or the Lessee's Visitors;

(vii) any act, omission or default of the Lessee that affects, prevents or interferes with a third party exercising a right or interest granted pursuant to clause 16.8 of this Lease;

(viii) any danger or hazard created, or made worse, by the Lessee or the Lessee's Visitors; or

(ix) any fire which starts on the Leased Area unless the Lessee can prove to the reasonable satisfaction of the Lessor that the fire:

(A) was not caused by the Lessee's negligent or unlawful act or omission or the Lessee's default under this Lease; or

(B) was started by a cause beyond the Lessee's reasonable control,

except to the extent that such Claims or Losses are caused by the gross negligence of the Lessor.

(b) The Lessee indemnifies and must keep indemnified the Lessor and the State from and against all Claims and Losses relating to, or in respect of, the remediation of Contamination, Pollution or Environmental Harm required under any Environmental Notice, by any Law or by any Authority as a result of any Contamination, Pollution or Environmental Harm emanating on, or from, the Leased Area as a result of, or relating to, the use or occupation of the Leased Area by the Lessee or the Lessee's Visitors.

(c) The Lessee acknowledges and agrees that the Lessee's public liability insurer is aware of the conditions that apply to this Lease and the indemnity granted pursuant
to this clause 14.1 and that the Lessee's public liability policy covers the activities that are specified in this Lease.

(d) The obligations of the Lessee under this clause 14.1:

(i) are unaffected by the obligation of the Lessee to take out insurance, and the obligations of the Lessee to indemnify are paramount; and

(ii) continue after the expiration or earlier determination of this Lease in respect of any act, omission, deed, matter or thing occurring before the expiration or earlier determination of this Lease.

14.2 Release and no claim

(a) The Lessee agrees to occupy, use and keep the Leased Area at the sole risk of the Lessee.

(b) Neither the Lessor nor the State shall be liable (in negligence or howsoever) to the Lessee, and the Lessee will not make a claim against and releases to the full extent permitted by Law, the Lessor and the State from and against:

(i) any Loss which may arise in respect of any accident or damage to any property, or death or injury to, or illness of, any person, of any nature in or near the Leased Area;

(ii) loss or malfunction of or damage to Lessee's Property or any fixtures or personal property of the Lessee;

(iii) all Claims and Losses arising from or connected with (directly or indirectly) the presence of any Contamination, Pollution or Environmental Harm in, on or under the Relevant Land at any time throughout the Term;

(iv) any act, omission or default of any other occupier of the Land (including the Leased Area); and

(v) any breakdown in, or interruption or defective operation of any Service or associated equipment,

except to the extent that such loss or damage is caused by the gross negligence of the Lessor.

(c) The obligations of the Lessee under this clause 14.2 continue after the expiration or earlier determination of this Lease in respect of any act, omission, deed, matter or thing occurring before the expiration or earlier determination of this Lease.

14.3 Part 1F of the Civil Liability Act excluded

Should the Lessee actually or allegedly commit or be responsible for the commission of a tortious act or contractual breach, Part 1F of the Civil Liability Act 2002 (WA) is excluded from this Lease and its operation.

15. LESSOR'S GENERAL RIGHTS AND OBLIGATIONS

15.1 Exercise of rights under the CALM Act

The Lessor reserves the right for it, and for Lessor's Agents, to enter the Leased Area at any time in order to exercise any right, power or authority which the Lessor (or another agent of the State) has under the CALM Act. The Lessee is not entitled to any compensation or to make any other claim against the Lessor for anything done or not done by the Lessor on the Leased Area in the exercise of any right, power or authority under the CALM Act.
15.2 Right to enter

The Lessor or the Lessor's Agents may, after giving reasonable notice to the Lessee (or in an emergency, without notice), enter the Leased Area to do any one or more of the following things:

(a) inspect the state of repair and condition of the Leased Area;
(b) maintain or repair the Leased Area and equipment or facilities in the Leased Area;
(c) inspect, maintain, repair, alter, install or remove the Services;
(d) carry out structural work to the Leased Area or any other work required by an Authority;
(e) remove anything which is actually or potentially harmful or dangerous;
(f) anything which should have been done by the Lessee but which has not been done to the Lessor's satisfaction, or at all;
(g) anything else which the Lessor is required or permitted to do by Law or under this Lease,

without affecting the Lessee's obligations under this Lease.

15.3 Lessor's power with respect to contractors

The Lessor retains the right to approve or not to approve any contractor, tradesperson, employee, firm or company to carry out any repairs, renovation, alteration, addition or cleaning whatsoever to the Leased Area within the responsibility of the Lessor, regardless of whether the Lessee is liable for costs or not and irrespective of whether the work to be carried out is a requirement under this Lease or not.

The Lessor retains the right to appoint a contractor, agent, employee or tradespeople of its choice to carry out any work of any nature to the Leased Area which may be required and if the work is such which is the responsibility of the Lessee under this Lease then the Lessee shall be liable to pay on demand by the Lessor the costs so incurred.

15.4 Lessor may rectify

The Lessor or Lessor's Agents may do anything which should have been done by the Lessee under this Lease but which has not been done or has not been done properly and the Lessor may enter the Leased Area for that purpose. The Lessee must pay any costs incurred by the Lessor in taking action under this clause 15.4 within 10 Business Days after the Lessor requests payment.

16. ASSIGNMENT AND SUBLETTING

16.1 No interest to be created without consent

The Lessee must not:

give any person any right or interest in this Lease or the Leased Area (including a licence to use or occupy the Leased Area) or allow any person to use or occupy the Leased Area; or

(a) assign, transfer, mortgage, novate, charge or otherwise encumber this Lease or any payment or other right, benefit, money or interest under of in respect of this
Lease, without the Lessor's written consent, which consent may be subject to conditions.

16.2 Requirements for Consent

If the Lessor consents to a proposed assignment, transfer, sub-lease or licence then, within a reasonable time before the proposed date of change in possession, the Lessee must:

(a) supply to the Lessor evidence reasonably acceptable to the Lessor that the proposed assignee, transferee, licensee or sub-lessee is respectable, responsible, solvent, fit and proper and is technically and financially able to perform all the Lessee's obligations under this Lease;

(b) remedy any default under this Lease to the Lessor's satisfaction unless it has been waived by the Lessor;

(c) deliver to the Lessor a deed executed by the Lessee and proposed assignee, transferee, licensee or sub-lessee in a form prepared by, or approved by, the Lessor, by which:

(i) the proposed assignee, transferee, licensee or sub-lessee agrees to be bound by and comply with this Lease on and from the date that the assignment, transfer, licence or sub-lease takes effect; and

(ii) in the case of an assignment or transfer to an assignee or transferee who is, in the Lessor's opinion, an entity seeking commercial gain from the assignment or transfer, the assignee or transferee agrees to vary the terms of this Lease (including the Rent) as required by the Lessor;

(d) pay to the Lessor on demand the Lessor's costs and expenses including agents fees and legal costs in connection with the preparation or examination of any documents relating to the assignment, transfer, licence or sub-lease and the duty on those documents;

(e) in the case of an assignment or transfer, withdraw any caveat lodged in respect of the Lessee's interest in the Leased Area; and

(f) comply with any other requirement of the Lessor,

and the Lessor's consent is taken to be conditional on the Lessee complying with the obligations in this clause 16.1(a).

16.3 Lessee Remains Liable

The Lessee remains fully liable under this Lease even if the Lessee assigns or transfers this Lease or sublets the Leased Area or gives any right (including a licence) in relation to this Lease or the Leased Area to any other person.

16.4 Change in Control

(a) For the purposes of this clause 16.4, the terms "Control", "Subsidiary" and "Holding Company" each have the same meaning as the corresponding term in the Corporations Act.

(b) If there is a change in Control of the Lessee, the Lessor may require the Lessee to obtain from the persons who have acquired control, as reasonably nominated by the Lessor, a guarantee of the Lessee's obligations under this Lease in a form prepared or approved by the Lessor's solicitors.
(c) If the Lessee is a Subsidiary a change in Control includes a change in Control of its Holding Company.

16.5 Exclusion of Statutory Provisions

The provisions of sections 80 and 82 of the Property Law Act 1969 (WA) do not apply to this Lease.

16.6 Guarantee required

If the Lessee at any time intends to assign or transfer this Lease or if clause 16.4 applies, and if the Lessor requests, the Lessee must obtain a guarantee of the assignee’s, transferee’s or lessee’s obligations under this Lease from the directors and principal shareholders of the assignee, transferee or lessee (if a company) or any other person reasonably required by the Lessor. The guarantee is to be on terms reasonably acceptable to the Lessor. In this clause 16.6 "guarantee" means guarantee and indemnify.

16.7 Fees

The Lessee must pay to the Lessor on demand all fees and expenses payable by the Lessor to any agent or consultant engaged by the Lessor in connection with a proposed assignment or sub-letting by the Lessee.

16.8 Dealing by Lessor with the Leased Area

(a) The Lessor may transfer, mortgage, charge, licence or encumber the Land (including the Leased Area) or any part of it or any right, benefit, money or interest under this Lease without the Lessee’s consent.

(b) Without limiting clause 16.8(a), the rights and interests which the Lessor may grant include the right to cut down and remove timber or other vegetation from the Leased Area, the right to draw water or the right to excavate and remove rocks, earth, soil or other materials from the Leased Area.

(c) The Lessee is not entitled to any compensation or to make any other claim against the Lessor in relation to the proper exercise of any right given to another person by the Lessor. The Lessee is responsible for and indemnifies the Lessor against any Loss resulting from any Claim made by a person to whom a right or interest has been granted by the Lessor in connection with any negligent act or omission of the Lessee or any default by the Lessee under this Lease.

17. HOLDING OVER

If the Lessor consents to the Lessee continuing to occupy the Leased Area after the Expiry Date or after the end of any extended term, the Lessee is a six-monthly Lessee of the Leased Area and:

(a) the six-monthly tenancy may be terminated by either party giving to the other at least one month’s notice which may expire on any day;

(b) the rent is the same as the Rent payable in accordance with clause 4 (other than the Rent is payable via two instalments due every six months in advance on and from the date the six-monthly tenancy commences) as varied in accordance with clause 5; and

(c) all the other provisions of this Lease apply to the six-monthly tenancy (including the variation of Rent under clause 5) except any option to extend this Lease.
18. DEFAULT

18.1 Essential terms

Every obligation of the Lessee under this Lease:

(a) to pay money;
(b) not to do something without the Lessor's consent;
(c) to do something by a particular timeframe; or
(d) relating to damage to or degradation of the Leased Area or to the state of repair or condition of the Leased Area,

is an essential term of this Lease.

This clause does not prevent any other obligation of the Lessee under this Lease being an essential term.

18.2 Events of Default

An Event of Default occurs if:

(a) the Lessee repudiates this Lease;
(b) the Lessee abandons the Leased Area, or ceases to use the Leased Area for the Permitted Use other than for a temporary period;
(c) the Rent is at any time unpaid for 10 Business Days after becoming due, whether formally demanded or not;
(d) (subject to clauses 18.2(a) and 18.2(b)) the Lessee breaches this Lease and does not remedy that breach within 10 Business Days (or such longer period as specified by the Lessor) after being given a notice by the Lessor requiring the Lessee to remedy that breach;
(e) a judgment, order or a Security Interest is enforced, or becomes enforceable, against the Lessee's interest in this Lease or the Lessee's Property;
(f) an Insolvency Event occurs in respect of the Lessee;
(g) the Lessee commits more than 3 breaches of this Lease in any 180 day period (whether any of those breaches are remedied or not); or
(h) the Lessee fails to comply with any other requirement of this Lease, which failure expressly constitutes an Event of Default for the purposes of this Lease.

18.3 Lessor's right to terminate

If an Event of Default occurs, the Lessor may terminate this Lease by:

(a) re-entering the Leased Area without notice; or
(b) notice to the Lessee.

18.4 Damages

(a) If the Lessee defaults by not performing or complying with any obligation which is an essential term, the Lessor is entitled to:
(i) recover damages for losses over the whole Term, including losses caused by the non-payment of money by the Lessee over that period, even if this Lease is terminated by the Lessor as a result of an Event of Default before the Expiry Date or the end of any extended term or period of holding over, less:

(ii) amounts which the Lessor could be reasonably expected to obtain by re-letting the Leased Area until the date on which the Term would have expired if the Lessor had not terminated this Lease before the end of the Term (but the Lessor is not to be taken to be required to accept the same or similar terms as those in this Lease).

(b) The Lessor's right to recover damages is not affected by the occurrence of any of the following events:

(i) the Lessor accepts the Lessee's repudiation or abandonment of this Lease;

(ii) the Lessor terminates this Lease by notice or re-entry;

(iii) the Lessee has abandoned the Leased Area;

(iv) there is a surrender of this Lease by Law.

18.5 Indemnities

(a) The Lessee indemnifies and must keep indemnified the Lessor against any Claim or Loss resulting from:

(i) an Event of Default; or

(ii) if this Lease is terminated by the Lessor for any reason:

(A) the Lessor re-entering the Leased Area; or

(B) the Lessor not receiving the benefit of the Lessee performing the Lessee's obligations under this Lease from the date of termination until the end of the Term,

including in each case, legal costs and expenses relating to any of those matters.

(b) The benefit of the Lessee performing the Lessee's obligations referred to in subclause 18.5(a)(ii)(B) is to be calculated on the assumption that this Lease continues in force until the end of the Term and taking into account the provisions in this Lease relating to Rent and other payments required by the Lessee.

(c) This indemnity is not affected by the Lessor accepting a repudiation or abandonment of this Lease by the Lessee.

18.6 Interest on overdue money

The Lessee must pay interest on any amount payable by the Lessee under this Lease from the date the amount becomes due for payment until it is paid. The interest is to be paid on demand and is to be calculated on daily balances. The rate to be applied to each daily balance is the rate prescribed under section 8(1)(a) of the Civil Judgments Enforcement Act 2004 (WA) from time to time.
Acceptance of Rent or mitigation

The acceptance of Rent or other money owing under this Lease or an attempt by the Lessor to mitigate its loss is not a waiver of a breach by the Lessee of its obligations under this Lease or a surrender by operation of Law.

LESSEE’S OBLIGATIONS ON TERMINATION

19.1 Lessee to vacate

The Lessee must vacate the Leased Area and remove all the Lessee’s Property from the Leased Area and make good any damage caused by their removal by the end of the Term, except that if this Lease is terminated other than through the expiry of the Term, the Lessee must vacate the Leased Area and remove the Lessee’s Property within 3 Business Days after this Lease is terminated (or such longer period as specified by the Lessor).

19.2 Lessee to leave property required by Lessor

The obligation to remove the Lessee’s Property in clause 19.1 does not apply to any buildings, improvements or other fixtures which the Lessee agrees with the Lessor will not be removed.

19.3 Removal of Lessee’s Property

If the Lessee does not comply with clause 19.1, the Lessee’s Property shall at the option of the Lessor become the property of the Lessor (without any entitlement by the Lessee to compensation in respect thereof). If the Lessor does not assume ownership of any of the Lessee’s Property under the previous sentence, the Lessor may remove the Lessee’s Property from the Leased Area at the cost of the Lessee and either store it at the risk and cost of the Lessee or treat the Lessee’s Property as abandoned and deal with it in any manner the Lessor chooses at the Lessee’s cost.

19.4 Risk

The Lessee’s Property remains at the Lessee’s risk at all times before and after the termination of this Lease, except for any property which the Lessor requires not to be removed under clause 19.2, which is at the Lessor’s risk after termination of this Lease.

19.5 Condition of the Leased Area

(a) When the Lessee vacates the Leased Area, the Lessee must leave the Leased Area in good repair and condition in accordance with the obligations of the Lessee under this Lease.

(b) The Lessee shall rehabilitate the Leased area in accordance with the Lessor’s publication, “Guidelines for the Management and Rehabilitation of Basic raw Material Pits” annexed to this Lease to the satisfaction of the Lessor.

(c) If the Lessee has made any alterations to the Leased Area or carried out any work on the Leased Area or done anything else to change the Leased Area, if the Lessor requires, the Lessee must reinstate the Leased Area before the end of the Term so that the Leased Area is returned to the condition it was in before the alterations were made, or the work carried out or the other changes were made, to the satisfaction of the Lessor. The Lessee’s obligations under this clause include removing any building or other structure erected in the Leased Area by the Lessee unless the Lessee agrees otherwise or unless this Lease provides otherwise.

19.6 Survive Termination

The Lessee’s obligations under this clause 19 shall survive termination of this Lease.
19.7 Recovery of Damages

(a) For the purposes of this clause 19.7, Liquidated Damages means a daily sum equal to 1/365th of the aggregate of the Rent and Rates and Taxes payable by the Lessee under this Lease for the 12 months immediately preceding the date of the expiry or termination of this Lease.

(b) Without prejudice to any other right or remedy of the Lessor contained or implied in this Lease, the Lessor may recover from the Lessee, and the Lessee must pay to the Lessor Liquidated Damages for each day of the period that starts on the day immediately after the expiry or termination of this Lease and ends on the day the Lessee completes the performance of its obligations under this clause 19.7 (or such earlier date on which the Lessor may cause any default by the Lessee in the performance of such obligations to be remedied).

20. FORCE MAJEURE

20.1 Force Majeure Event

For the purposes of this clause 20, a "Force Majeure Event" means an event that prevents a party from performing its obligations, or receiving the benefit of the other party's obligations, in whole or part, under this Lease and which is unforeseeable and beyond the reasonable control of the affected Party, including:

(a) an act of God;
(b) an explosion or fire;
(c) a war, riot, civil unrest, insurrection, sabotage or terrorism;
(d) an epidemic or pandemic or shortages caused thereby;
(e) industrial action (other than industrial action limited to the affected party);
(f) inclement weather; and
(g) a law, rule or regulation of any government or governmental agency, and executive or administrative order, act or requirement of general application;

but does not include:

(h) a lack or inability to use funds for any reason; or

(i) any occurrence which results from the wrongful or negligent act or omission of the affected party (including breach of this Lease or other contract) or the failure by the affected party to act in a reasonable and prudent manner; or

(j) the breakdown of equipment; or

(k) the failure by a third party to fulfil a contractual commitment with the affected party (other than as a result of any of items (a) to (g) above; or

(l) or any act or omission of a subcontractor.

20.2 Effect of Force majeure

(a) A party is not liable for its inability to perform, or for any delay in performing, any of its obligations under this Lease (other than an obligation to pay Rent or other monies), to the extent that, and during the time that, the inability or delay is caused by a Force Majeure Event.
(b) If a party is prevented from performing its obligations under this Lease by a Force Majeure Event, then that party must:

(i) notify the other party as soon as reasonably practicable of the Force Majeure Event, giving details of the nature of the Force Majeure Event, the effect the Force Majeure Event will have on the party’s performance of its obligations under this Lease (including which obligations it is prevented from performing), and the expected duration of the Force Majeure Event; and

(ii) use its best endeavours to minimise the effect of the Force Majeure Event on the party’s performance of its obligations under this Lease.

(c) Subject to clause 20.2(f), the time for performance of any obligation by either party under this Lease will be extended by a period which is reasonable in the circumstances. For the avoidance of doubt, any extension of time under this clause 20.2(c) does not in any way operate to extend the Term.

(d) The affected party must provide the other party with regular updates as to the affected party’s circumstances and the impact of the Force Majeure Event during the time that it is prevented from performing its, or receiving the benefit of the other party’s, obligations under this Lease and in any event must provide the other party with an update within five Business Days of a request at any time by the other party.

(e) The affected party must notify the other party in writing as soon as, and in any event within five Business Days of, the Force Majeure Event ceasing to prevent it from performing under this Lease.

(f) If a party’s performance is affected by a Force Majeure Event for a period equal to or greater than six months, either party may terminate this Lease with immediate effect by notice in writing to the other party.

20.3 No other liability

Neither the Lessee nor the Lessor is liable to the other solely because of the termination of this Lease under this clause 20.

20.4 No obligation to reinstate

Nothing in this clause 20 or elsewhere imposes an obligation on the Lessor to repair, remEDIATE, replace or reinstate the Leased Area.

20.5 Dispute resolution

A dispute arising about the loss of amenity is to be determined by a qualified person nominated by the President of the Insurance Council of Australia Limited. Either the Lessor or the Lessee may ask the president to nominate that person, who is to act as an expert and not an arbitrator.

20.6 Non-payment of insurance money

The Lessee’s rights to terminate this Lease under clause 20.2(f) do not apply if:

(a) insurance money otherwise payable under an insurance policy in connection with the Leased Area is not paid by the insurer as a result of an act or omission by the Lessee or the Lessee’s Visitors, or

(b) any contractual breach, or actionable, civil or criminal wrong, by or on the part of the Lessee or the Lessee’s Visitors, caused the destruction or damage of or to the Leased Area.
21. COSTS AND EXPENSES

21.1 Costs and expenses

The Lessee must pay or reimburse the Lessor on demand for all the Lessor’s costs and expenses reasonably incurred in relation to:

(a) arranging for any survey or demarcation drawing necessary to identify the Leased Area;

(b) the instructions for and the negotiation, preparation, execution and stamping of this Lease and any document assigning, varying or surrendering this Lease;

(c) the exercise or enforcement by the Lessor of any right under this Lease, and the preparation and service of a notice under section 81 of the Property Law Act 1969 (WA);

(d) any act or omission by the Lessee causing cost or expense to the Lessor; and

(e) obtaining or giving any consent or approval under this Lease,

which includes in each case the Lessor’s legal costs and expenses on a full indemnity basis and consultants’ and agents’ fees.

21.2 Duties and Fees

The Lessee must pay or reimburse the Lessor on demand for all stamp duty, taxes and fees (including fines and penalties attributable to the Lessee) payable in connection with this Lease.

22. MISCELLANEOUS

22.1 Survival

The following clauses of this Lease survive the termination or expiry of this Lease and will continue in full force and effect:

(a) Clause 1 (Definitions and Interpretation);

(b) Clause 7 (GST);

(c) Clauses 9.2(b), 9.3 and 9.6 (Building Work, Maintenance and Repair and Cleaning);

(d) Clause 10 (Lessee's Environmental Obligations);

(e) Clause 11 (Lessee's general obligations);

(f) Clause 12 (Compliance with laws and requirements);

(g) Clause 13 (Insurance);

(h) Clause 14 (Indemnities and Release);

(i) Clause 15 (Lessor's general rights and obligations);

(j) Clause 16 (Assignment and subletting) with respect to any obligation of the Lessee to pay the Lessor any costs, expenses or fees or indemnify the Lessor;

(k) Clause 17 (Holding Over);
(l) Clause 18.5 (Indemnities);
(m) Clause 18.6 (Interest on overdue money);
(n) Clause 19 (Lessee's obligations on termination);
(o) Clause 21 (Costs and expenses);
(p) Clause 22.1 (Survival);
(q) Clause 22.5 (Payments);
(r) Clause 22.8 (Governing Law and jurisdiction);
(s) Clause 22.13 (Entire Agreement);
(t) Clause 24 (Notices); and
(u) any other clause that expressly or impliedly survives the expiry or termination of this Lease.

The preceding provisions of this clause 22.1 do not oust or limit the operation of the common law pertaining to the survival of contractual provisions post-termination. Such operation of the common law is hereby preserved and applies in its entirety to this Lease (even after termination).

22.2 Remedies Cumulative

The rights, powers, authorities, discretions and remedies arising in connection with this Lease are cumulative and do not exclude any other right, power, authority, discretion or remedy otherwise available to the Lessor.

22.3 Accrued Rights

The termination of this Lease for any reason does not affect the rights of the Lessor in relation to a breach of this Lease by the Lessee before termination.

22.4 Schedules etc

The expressed and implied terms of each schedule (including the Schedule), appendix and annexure to this Lease form part of this Lease and must therefore be complied with in accordance with their expressed and implied terms.

22.5 Payments

(a) The Lessee must make all payments under this Lease without set-off, counterclaim, abatement or deduction.

(b) Payments by the Lessee under this Lease are to be made to the Lessor or any other person nominated by the Lessor.

(c) The Lessor is not required to make a demand for payment of any amount required to be paid by the Lessee under this Lease unless required by Law.

(d) If this Lease does not specify when a payment is due, it is due within 14 days after the Lessor requests payment.
22.6 Transfer of Land Act 1893

The covenants and powers implied in every lease made under the Transfer of Land Act 1893 (WA) are implied in this Lease, whether registered under that Act or not, except:

(a) to the extent that they are modified by this Lease; and
(b) the implied covenant set out in section 92(b) of that Act is excluded.

22.7 Variation

Any variation of any term of this Lease must be in writing and signed by the parties.

22.8 Governing Law and jurisdiction

(a) This Lease is governed by the Law in force in Western Australia.

(b) Each party irrevocably submits to the exclusive jurisdiction of courts exercising jurisdiction in Western Australia and courts of appeal from them in respect of any proceedings arising in connection with this Lease. Each party irrevocably waives any objection to the venue of any legal process in these courts on the basis that the process has been brought in an inconvenient forum.

22.9 Lessor may act by agent

All acts and things which the Lessor is required or empowered to do under this Lease may be done by the Lessor, the Lessor’s Agents or the solicitor of the Lessor.

22.10 Further assurances

Each party must do all things and execute all further documents necessary to give full effect to the provisions and purpose of this Lease.

22.11 Approvals and consents

(a) Unless otherwise stated, whenever the Lessor’s approval or consent is required under this Lease, the Lessor may give it conditionally or unconditionally. Each approval or consent, to be valid and effective, must be in writing and be given prior to the happening of the event for which the approval or consent is required.

(b) The Lessee agrees that any failure by it to comply with or perform a condition imposed under clause 22.11(a) will constitute a breach of this Lease by the Lessee.

22.12 Waiver and estoppel

(a) Failure to exercise or enforce, or a delay in exercising or enforcing, or the partial exercise or enforcement of, a right, power or remedy under any Law or under this Lease by a party does not preclude, or operate as a waiver of, the exercise or enforcement, or further exercise or enforcement, of that or any other right, power or remedy provided under any Law or under this Lease.

(b) A waiver given by a party under this Lease is only effective and binding on that party if it is given or confirmed in writing by that party.

(c) No course of dealings between the parties removes the requirement under clause 22.12(b) that a waiver must be in writing to be effective and binding upon the parties.

(d) No waiver of a breach of a term of this Lease operates as a waiver of any other breach of that term or of a breach of any other term of this Lease.
(e) Failure to exercise or enforce, or a delay in exercising or enforcing, or the partial exercise or enforcement of, a right, power, or remedy under any Law or under this Lease by the Lessor does not preclude, or operate as an estoppel of any form of, the exercise or enforcement, or further exercise or enforcement, of that or any other right, power or remedy provided under any Law or under this Lease.

22.13 Entire Agreement

This Lease states all the express terms of the agreement between the parties in respect of its subject matter. It supersedes all prior discussions, negotiations, understandings and agreements in respect of its subject matter.

22.14 Counterparts

This Lease may be executed in any number of counterparts. Each counterpart is deemed an original and all the counterparts together constitute one instrument, which is deemed to be dated on the earlier of the date of exchange or the date of acceptance as is communicated in writing.

22.15 Relationship of the parties

(a) Nothing in this Lease gives a party authority to bind the other party in any way.

(b) Neither this Lease, nor the relationship created by it, is intended to create, and will not be construed as creating any partnership or joint venture or fiduciary relationship, as between the parties.

(c) Neither the Lessee's staff, personnel or contractors will be deemed to be employees, agents, contractors, or consultants of the Lessor and each party must pay all costs associated with its employees.

22.16 Corporate power and authority

Each party represents and warrants to the other that it has full power to enter into and perform its obligations under this Lease and that when executed this Lease will constitute legal, valid, and binding obligations under its terms.

22.17 State's interest and statutory functions

(a) Any right of the Lessor may be exercised for the benefit of any other part of the State and any reference in this Lease to the Loss of, or costs incurred by, the Lessor includes direct Losses of, and direct costs incurred by, any other part of the State.

(b) Except where this Lease expressly provides otherwise, to the extent permitted by Law, nothing in this Lease gives rise to any duty on the part of the Lessor to consider interests other than the Lessor's interests (including the public interest) when exercising any of its rights or performing any of its obligations.

(c) Nothing contained in this Lease or contemplated by this Lease has the effect of constraining the Lessor or any other part of the State or placing any fetter on the Lessor's or any other part of the State's statutory rights, duties, powers or functions.

(d) Notwithstanding anything contained or implied in this Lease to the contrary, the parties agree that the Lessor is not obliged to exercise a power, function or duty which is granted to or within the responsibility of any Authority, or to influence, over-ride or direct any Authority in the proper exercise and performance of its legal duties and functions.
(e) The Lessee is not entitled to make any Claim against the Lessor for any Loss relating to any exercise or failure by the Lessor to exercise its statutory rights or duties.

22.18 Break clause – Lessor’s right

The Lessor, acting reasonably, may terminate this Lease by giving to the Lessee six (6) months prior notice in writing in the event that the Lessor requires the Leased Area for the purposes of the Lessor or the State. Upon the expiration of such notice this Lease shall cease and determine and the Lessee shall quietly deliver up the Leased Area to the Lessor in such state of repair and condition as shall be consistent with the proper performance by the Lessee of the covenants herein contained and the Lessor will not be liable for compensation in respect of such sooner determination or in respect of any improvements erected by the Lessee in the Leased Area remaining after such termination of this Lease but without prejudice to any right of action of the Lessor in respect of any breach of the Lessee’s covenants agreements or of any conditions and provisions herein contained.

22.19 Break clause – Lessee’s right to request

At any time during the Term, the Lessee may request in writing a termination of this Lease and the Lessor must consider any such request. If the Lessor agrees to the Lessee’s request, this Lease will terminate on the date that is six (6) months from the date of the Lessee’s request under this clause 22.19 (or such other date as may be agreed by the Parties) and the Lessee shall quietly deliver up the Leased Area to the Lessor in such state of repair and condition as shall be consistent with the proper performance by the Lessee of the covenants herein contained without prejudice to any right of action of the Lessor in respect of any breach of the Lessee’s covenants agreements or of any conditions and provisions herein contained.

23. POWER OF ATTORNEY

The Lessee for valuable consideration irrevocably appoints the Lessor and every senior officer of the Lessor (jointly and severally) as the Lessee’s attorney for the purpose of withdrawing any caveat which the Lessee is obliged to withdraw under this Lease.

In this clause "senior officer" means every person designated by the Lessor as a senior officer.

24. NOTICES

24.1 Form of notice

A notice, consent, request, advice, direction, notification or other communication (howsoever described) that may or must be given under or in connection with this Lease is, if given, only valid and effective if it is:

(a) in writing and signed by the party giving the notice, consent, direction or other communication or any authorised officer of that party or its solicitor or agent;

(b) addressed to the person to whom it is to be given;

(c) either sent by:

(i) pre-paid mail, couriered or hand-delivered to the person’s address; or

(ii) sent by email to that person’s email address and the sender receives confirmation on its server that the message has been transmitted, provided:

(A) the notice, consent, direction or other communication is sent as a .pdf attachment to the email and is not sent as a temporary file or link; and
(B) the size of the email is less than 10MB; and

(d) the address or email address to which the notice, consent, request, advice, direction or other communication is sent is as set out in the Schedule or otherwise notified to the sender for the giving of notices, consents, directions or other communications under or in connection with this Lease.

24.2 Receipt

Unless a later time is specified in it, a notice, consent, direction or other communication that complies with this clause 24 takes effect from the time it is taken to be received, which is:

(a) if sent by courier or email, or is hand-delivered, if received:

(i) by 5.00 pm on a Business Day - on that day; or

(ii) after 5.00 pm on a Business Day, or on a day that is not a Business Day - on the next Business Day; and

(b) if sent by mail, five Business Days after posting.

25. ADDITIONAL TERMS

The parties to this Lease agree to be bound by and must comply with the additional terms, if any, set out in Annexure A to this Lease and which form part of this Lease.

26. ASBESTOS

The Lessee shall at all times throughout the Term, ensure that it complies with all relevant Australian standards and legal requirements which apply in relation to the treatment, management and removal of asbestos (if any) at or from the Leased Area at the Lessee's cost.

27. PPSA

27.1 Interpretation

For the purposes of this clause 27:

(a) "Lessor's Personal Property" means all personal property the subject of a security interest granted to or held by the Lessor under this Lease; and

(b) words and phrases used which have a defined meaning in the PPS Law have the same meaning as in the PPS Law unless the context otherwise indicates.

27.2 Further assurance

If the Lessor determines that this Lease (or a transaction in connection with it) is or contains a security interest for the purposes of the PPS Law, the Lessee agrees to do anything (including without limitation obtaining consents, signing and producing documents, getting documents completed and signed and supplying information) which the Lessor asks and considers necessary for the purposes of:

(a) ensuring that the security interest is enforceable, perfected and otherwise effective;

(b) enabling the Lessor to apply for any registration, complete any financing statement or give any notification in connection with the security interest so that the Lessor has the priority required by it; and/or

(c) enabling the Lessor to exercise rights in connection with the security interest.
27.3 No requirement for PPSA notices

The Lessor need not give any notice under the PPSA (including notice of a verification statement) unless the notice is required by the PPSA to be given and cannot be excluded.

27.4 Priority of the Lessor's interest

Nothing in this Lease shall be taken or construed as an agreement or consent by the Lessor to:

(a) subordinated the Lessor's interest in the Lessor's Personal Property (or any part thereof) to any other encumbrance or interest affecting the Lessor's Personal Property at any time; or

(b) delay the time when a security interest created or provided for under this Lease attaches to the relevant collateral.

27.5 Enforcement

To the extent that Chapter 4 of the PPSA would otherwise apply to an enforcement by the Lessor of any security interest in the Lessor's Personal Property, the Lessee and the Lessor agree that the following provisions of the PPSA do not apply, to the extent the PPSA allows them to be excluded:

(a) (enforcement methods) sections 118 (Enforcing security interests in accordance with land law decisions), 125 (Obligation to dispose of or retain collateral), 129(2) and (3) (Disposal by purchase), 134(2) (Proposal of secured party to retain collateral), 136(3) and 136(4) (Retaining collateral free of interests), 137 (Persons entitled to notice may object to proposal) and 138B(4) (Seize and disposal or retention of crops);

(b) (notices) sections 95 (Secured party must give notice of removal of accession), 121(4) (Enforcement of security interests in liquid assets – notice to higher priority parties and grantor), 127 (Seizure by higher priority parties – notice), 130 (Notice and disposal of collateral), 132 (Secured party to give statement of account), and 135 (Notice of retention of collateral) and 136(5) (Retaining collateral free of interests); and

(c) (rights to remedy) sections 142 (Entitled persons may redeem collateral) and 143 (Entitled persons may reinstate security agreement).

27.6 Negative undertakings

The Lessee must not:

(a) create any security interest or lien over any of the Lessor's Personal Property whatsoever (other than security interests granted in favour of the Lessor under this Lease);

(b) sell, lease or dispose of its interest in or control (as such term is defined in the PPSA) or use of any of the Lessor's Personal Property;

(c) give possession of the Lessor's Personal Property to another person other than the Lessor or where the Lessor expressly authorises it to do so;

(d) permit any of the Lessor's Personal Property to become an accession to or commingled with any asset;

(e) change its name without first notifying the Lessor of the new name not less than 21 days before the change takes effect;
(f) relocate its principal place of business outside Australia or change its place of registration or incorporation;

(g) move any of the Lessor's Personal Property outside Australia; or

(h) allow any other person to acquire control of any personal property forming part of the Lessor's Personal Property at any time.

27.7 The Lessor's interest remains unaffected

The Lessor's interest in the Lessor’s Personal Property is not affected by anything which, but for this provision, might have that effect including any failure to perfect or to continuously perfect the security interest in relation to any personal property forming part of the Lessor's Personal Property at any time.

27.8 Notices to the Lessor

Without limiting clause 27.6, the Lessee must notify the Lessor as soon as the Lessee becomes aware of any of the following:

(a) if any personal property which does not form part of the Lessor's Personal Property becomes an accession to the Lessor's Personal Property and is subject to a security interest in favour of a third party that has attached at the time it becomes an accession;

(b) if any of the Lessor’s Personal Property is transported, located or situated outside Australia; and

(c) upon request by the Lessor, of the present location or situation of any of the Lessor's Personal Property.
ANNEXURE A

Additional Terms

1. The Lessee shall work the Leased Area in a systematic manner to the satisfaction of the Lessor and in general accordance with the Lessor's publication, "Guidelines for the Management and Rehabilitation of Basic Raw Material Pits" annexed to this Lease.

2. Each mining pod shall be no more than two hectares and shall be marked out in consultation and agreement with the Lessor. A mining and rehabilitation plan shall be agreed upon or alternatively, agreement shall be reached between the Lessee and the Lessor before topsoiling commences.

3. The Lessee shall maintain a summary of the quantity of gravel removed from the Leased Area during the preceding 12 months of the Term and the Lessee shall provide the summary to the Lessor at the anniversary of the commencement date of the Term. Should no gravel be extracted during a particular 12 month period, a 'nil' return shall be submitted to the Lessor.

4. The Lessee shall provide a brief report to the Lessor detailing the areas mined and rehabilitated during the preceding 12-month period.
LEASE No. 176/100
Gravel Resource Management and Conservation

Shire of Dandaragan

Lessee:
DBCA REGION - MIDWEST
DBCA DISTRICT - MOORA
LGA - SHIRE OF DANDARAGAN
PLAN REF. - DBCA COG PLAN: 1937 - 4 & 1
ORTHO PHOTO - n/a

Area: Abt 348.16ha

Drawn by: CJLB 24/05/2021
Checked by: RD 31/05/2021
File No.: 2012/000894-1
Datum: GDA94, MGA Zone 50

Department of Biodiversity, Conservation and Attractions

Scale: 1:25,000
Executed by the parties as a Deed on the day, month and year set out above.

The Lessor:
Signed on behalf of the CONSERVATION AND LAND MANAGEMENT EXECUTIVE BODY by its authorised officer:  

Executive Director Parks and Visitor Services
CEO Delegate
in the presence of:

Witness:
Signature

Name (Please print)
Stephanie Kruger

Occupation (Please print)
Policy and Project Officer

Address (Please print)
17 Dick Perry Ave, Kerrisdale
THE COMMON SEAL of SHIRE OF
DANDARAGAN is affixed in the
Presence of:

Shire President's signature

Shire President's Name

Chief Executive Officer's signature

Chief Executive Officer's Name

Witness:
Signature

Name (Please print)

Occupation (Please print)

Address (Please print)

Julie Rouse
COORDINATOR INFRASTRUCTURE SERVICES

609 Bashford Street
Jurien Bay WA 6516
Guidelines for the Management and Rehabilitation of Basic Raw Material Pits

Department of Environment and Conservation

2008
Initial clearing (Jeremy Chick)

A well laid out topsoil and debris heaps (Jeremy Chick)

Stockpiling resource prior to use (Carl Cicchini)
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
17 DICK PERRY AV, WESTERN PRECINCT
TECHNOLOGY PARK
KENSINGTON
WESTERN AUSTRALIA 6151
TELEPHONE (08) 9334 0300
FACSIMILE (08) 9334 0498
Website: www.naturebase.net
Email: information@dec.wa.gov.au

Reference details
The recommended reference for this publication is: Department of Environment and Conservation 2008, Guidelines for the Management and Rehabilitation of Basic Raw Material Pits, Department of Environment and Conservation

Cover photograph: Loading gravel – Frosty Road – Bob Hagan 2008
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Last updated: 8th August 2008  
Custodian: Manager, Environmental Management Branch  
Approved by: Manager Environmental Management Branch
1 Background

1.1 Purpose

The aim of this document is to establish consistent standards for the management and rehabilitation of areas quarried for basic raw materials (BRM) on lands managed by the Department of Environment and Conservation (DEC).

These requirements replace those specified in *Guidelines for the Management and Rehabilitation of Gravel Pits (South West Forest Areas)* (1992).

1.2 Scope

This document is to be used for all DEC operations, Local Government and Main Roads WA operations and is to be included as contract conditions for DEC and FPC contractors.

This document applies to State forest, timber reserves managed by the Department of Environment and Conservation (DEC) and freehold land held in the name of the Department’s Chief Executive Officer.

This document applies to all activities unless the activity is covered by an authority that overrides the *Conservation and Land Management Act 1984* or the *Forest Management Plan (FMP) 2004-2013*.

1.3 Custodianship and management of this document

The custodian of this document is the Manager of the Environmental Management Branch of the Nature Conservation Division in the Department of Environment and Conservation. The document will be reviewed in 2011 but may be reviewed earlier if information becomes available that warrants it.
2 Definition of key terms

Basic Raw Materials  The generic term used to describe a range of minerals (including gravel, shale, sand, clay, limestone and rock) that are extracted for agricultural, pastoral, household, road making and building uses from lands managed by DEC.

Brushing  Natural material such as understorey shrubs or leaves and branches from tree crowns that is used to cover a disturbed area to reduce soil erosion and to assist with the capture and germination of seed for rehabilitation. It is particularly useful in assisting with the stabilisation of disturbed areas of sand.

Overburden  Subsoil material that is below the topsoil but is not to be used in the road building process.

Pit boundary  The area within which all the activities associated with the clearing, stockpiling and mining of the basic raw material is contained.

PDWSA  Public Drinking Water Source Area. These includes all underground water pollution control areas, catchment areas and water reserves constituted under the Metropolitan Water Supply Sewerage and Drainage Act 1909 and the Country Areas Water Supply Act 1947.

Rehabilitation  A process of treatment of a disturbed site to achieve:
- The resumption of ecological processes;
- The re-establishment of natural contours and soil profile in areas where this has been disturbed, or the creation of a suitable contour where this is not possible;
- The protection of retained trees within or adjacent to the disturbed area, during rehabilitation earthwork; and
- The minimization of the risk of soil erosion following the rehabilitation earthworks; and
- The successful establishment and growth of indigenous understorey vegetation on all sites, and the successful establishment and growth of indigenous overstorey species on specified sites.

Ripping  Mechanical penetration and shattering of soil, generally beneath the topsoil, for the purpose of breaking up compacted soil to facilitate penetration of plant roots and water.

Risk period  Risk periods (Low, Medium, Medium to high, and High) are as defined in Appendix 6 (following review) of the Forest Management Plan.

RPZ  Reservoir Protection Zone. This means:
- that part of a catchment area which lies upstream of a reservoir and is within 2 kilometres of the top water level; or
- that area adjacent to a reservoir, the extent of which is identified on the plans; and
- includes the reservoir.

Scarification  Loosening of the soil surface to assist germination and establishment of seedlings.
3 Site Selection and Planning

3.1 Lead Times

Ideally, 3 months lead time is required prior to the approval for clearing and establishing a new BRM pit to allow the completion of environmental checks and timber salvage from the site.

3.2 Sensitive Management

Relevant checks need to be conducted to ensure that important environmental values and sensitivities of the proposed site and surrounds are not threatened by the establishment of the pit. The DEC Pre-operations Checklist is recommended to ensure all relevant checks are completed. Sensitivities must be identified before approval will be granted to establish a new pit.

The following sections outline some of the key sensitivities identified in the Pre-operations Checklist and details of any special requirements for these aspects.

3.2.1 Protection of Informal Reserves

Appendix 3 of the FMP identifies a number of informal reserve types which must be protected during forest management activities. These are:

- Old-growth forest;
- Areas previously classified as old growth forest;
- River and stream zones;
- Travel route zones;
- Diverse ecotype zones (DEZ);
- Less well reserved vegetation complexes;
- Poorly reserved forest ecosystem; and
- Regional Forest Agreement accredited linkage zones.

The extraction of BRM is not permitted in these reserves. In the case of existing sites in informal reserves, these can continue to be used (subject to the preparation of a Pit Management Plan) where it is not reasonable or practical for them to be closed and rehabilitated.

3.2.2 Flora / Fauna Conservation Values

All sites are to be checked by the proponent for Declared Rare Flora (DRF), priority flora, and threatened and priority fauna species before any operation proceeds. Field surveys should be scheduled for the most suitable time to locate the target species.

Should populations of these species be found the proposed operation should be reviewed to avoid, minimise and mitigate disturbance to these populations. Mitigation may involve post-operational work such as the creation of den sites, replacement of habitat logs etc.

Disturbance to DRF will require a “Permit to Take” approved by the Minister for the Environment. In the case of P1 and P2 taxa approval is required by Manager Species and Communities Branch and for P3 and P4 taxa approval is required by the Regional Manager.

3.2.3 Weeds

The proposed site should be checked for the presence of weeds, and strategies developed to address existing weed infestations, and to prevent the introduction of weeds during or after the operation of the pit. BRM from weed infested pits should not be used where there is the potential to spread weeds along road verges and establish new infestations.

Last updated: 8th August 2008
Custodian: Manager, Environmental Management Branch
Approved by: Manager Environmental Management Branch
3.2.4 Heritage Values

All sites are to be checked by the proponent for indigenous and non-indigenous heritage values. Field surveys may be required and sufficient lead time should be available to allow these to be undertaken.

Should material of heritage interest be found during clearing or BRM winning / mining activities then the work should cease and the pit manager must advise the relevant DEC District Manager.

3.2.5 Water Conservation

Undisturbed filter strips below pits are to be maintained on all watercourses to at least the specified width of the stream reserve (see Table 1) and sediment control structures may be required to further reduce the risk of turbidity in streams from the pit. Contour drains to slow water speed, and allow sediment to settle and disperse water over a larger area (preferably into litter) are desirable. Structures to achieve this may be earthen banks or formed using reject logs, stones or branches. Pit layout and access should be designed to prevent water accumulation and erosion.

Sites in areas that are seasonally inundated, or are likely to have a shallow groundwater table should be avoided, as they are likely to cause problems for drainage, earthworks and vegetation survival during rehabilitation.

Additional turbidity precautions are taken in public drinking water source areas (PDWSA). The Department of Water must be notified of any disturbance proposed in a PDWSA and will require the following:

- Stream reserves as indicted in Table 1;
- Pits will not be permitted within reservoir protection zones (RPZ) i.e. 2km from reservoirs; and
- Any surface waters flowing from the pit should pass through effective settling pits designed to minimize turbidity. The settling pits should be designed and maintained to provide a minimum of 2 hours run-off storage resulting from a 10 year return frequency storm event, when calculated in accordance with the Institution of Engineers current version of Australian Rainfall and Runoff. The settling pits should be operated with a surface scum trapping system which prevents discharge of floating matter.

### Table 1 Minimum distance to streams\(^1\) below BRM pits

<table>
<thead>
<tr>
<th>Stream order</th>
<th>Within PDWSA</th>
<th>Outside PDWSA(^2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>20 m</td>
<td>20 m</td>
</tr>
<tr>
<td>2</td>
<td>30 m</td>
<td>20 m</td>
</tr>
<tr>
<td>3</td>
<td>50 m</td>
<td>20 m</td>
</tr>
<tr>
<td>4</td>
<td>75 m</td>
<td>50 m</td>
</tr>
<tr>
<td>5+</td>
<td>200 m</td>
<td>100 m</td>
</tr>
</tbody>
</table>

1 Measured from the pit boundary.

3.2.6 Landscape Values

Actions are necessary to reduce the visual impact of BRM pits. Adoption of the following aspects will minimise impact:

- Provision of adequate screening from public roads i.e. leaving a 150 m buffer from the road. A 200 m buffer is required for Level 1 travel routes and the Bibbulmun Track;
- Restricting views directly into the pit area i.e. dog legging the access roads;
- Avoidance of sites in view of prominent observation points;
- Confining disturbance to within the pit boundary and access road alignment; and
- Ensuring general tidiness of operations.
3.3 Prospecting

The identification of suitable BRM resources will often involve prospecting of potential areas. Testing should be done in a systematic manner during dry soil conditions, and subject to a Hygiene Management Plan.

- Initial investigation with hand tools (if promising, mark boundary with tape).
- Identify potential sources of BRM whilst minimising the disturbance to vegetation.
- If machine exploration is required then a backhoe is the preferred machine, as this will enable the disturbed area to be minimised in comparison to using loaders or bulldozers. Approval must be obtained, and the minimum requirements are:
  - DEC Pre-operations Checklist approval;
  - Rare flora survey;
  - Phytophthora cinnamomi (P.c) Occurrence survey; and
  - Hygiene Management Plan (consider the high value of P.c-free material - don’t waste it).
- Backfill and / or cap all sample holes once exploration is completed.
- Replace topsoil and debris last.

3.4 Alternative Sources

Sites with low natural values should be utilised in preference to undisturbed ecosystems, e.g. power-line easements, cleared private property etc. Final site selection may need to be justified in these terms.

3.5 BRM Requirements

As part of the planning process the proponent must determine the total BRM requirement for the project, and the hygiene status of the products that are required. Planning should also consider options to minimise the area cleared and to maximise the effective use of the resources by:

- Avoiding shallow resources. A suggested minimum depth of utilizable gravel is one metre. Resources less than 1 metre in depth of recoverable BRM will require special approval by the District Manager before they can be developed;
- Crushing of cap-rock and laterite floaters in the pit to supplement gravel resource; and
- Maximise resource by utilising alternative BRM materials (shale/coarse sand) as a base in bogy soil conditions.

The intended use of a gravel crusher should be determined prior to the commencement or early in the life of the pit, as it is not possible to convert stockpiled rock into good quality gravel, unless it can be mixed with clay and fine material, which allow it to be compacted.

The crusher can be fed with all material that is below the topsoil, and above the clay layer or water table. Crushers can produce 5000 – 6500 m³ of stockpiled product per day. This is likely to increase the gravel yield by about 1/3 from the same area when compared with conventional gravel mining, and result in a better quality product, quicker production, assist to maintain hygiene status of the product and facilitate easier and earlier rehabilitation.

The use of a gravel crusher is most suited to pits where:
- the proposed pit area is greater than 2 ha;
- a large volume of BRM is required (>25,000 m³);
- the pit has a high rock component in the natural gravel; or
- pits where rapid rehabilitation is required or desirable.

### 3.6 Dieback Status

The dieback status of the pit must be ascertained before any work commences. A minimum of three years lead time without fire may be necessary to allow expression of dieback symptoms if P.c-free gravel is required.

P.c-free gravel is a valuable resource.

#### Table 2 Hygiene status compatibility

<table>
<thead>
<tr>
<th>Gravel Source</th>
<th>Gravel Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.c-free Gravel</td>
<td>Uninfested (P.c-free)</td>
</tr>
<tr>
<td>P.c Gravel</td>
<td>Uninterpretable</td>
</tr>
<tr>
<td></td>
<td>Infested (P.c)</td>
</tr>
<tr>
<td></td>
<td>Unprotectable</td>
</tr>
</tbody>
</table>

Outside DEC-managed estate, P.c-free gravel from the DEC-managed estate should only be used for high value, protectable locations.

### 3.7 Safety

The contractor is responsible for managing safety within the workplace, which will be recognised as the area within the pit boundary and access road.

The location of the pit access road must be planned to cater for safety of other road users. The basic principles to be used are:
- Ensure any roadwork complies with relevant legislation (Road Traffic Act (1974), Road Traffic Code);
- Position the access road junction on a straight section of road, and avoid junctions on crests or curves;
- Have the Main Roads Department / Local Government Authority approve the intersection or crossing configuration on public roads;
- Ensure that the sight distance either side is sufficient for the expected speed of the traffic; and
- Design a relatively level junction to enable quick merging of trucks with through traffic.
3.8 Pit Management Plans

For each pit, the proponent must prepare a pit management plan. The pit management plan will include:

- Alternatives examined;
- BRM requirements and disease status;
- Management of sensitivities identified;
- Pit / access road demarcation;
- Pit access;
- Dieback management;
- Timber recovery plan;
- Topsoil management;
- Fire management;
- Management of mining / removal of BRM;
- Pit drainage;
- Safety;
- Rehabilitation prescription and timing (Checklist B);
- Revegetation plan;
- Weed management; and
- Monitoring pit management.

Maps, diagrams, and plans are required to address the following in the pit management plan:

- Extent of viable resource and intended pit boundary; (include GPS coordinates)
- Location of hygiene boundaries;
- Contour map including location of ridgelines and direction of slope;
- Intended set-backs from roads and riparian zones;
- Proposed access point/s;
- Location of debris stockpile (if required) Figure 2 (a);
- Location of topsoil stockpiles Figure 2 (b);
- Direction and stages and sequence of BRM extraction Figure 2 (c) and Figure 3;
- Contour banks with direction of intended water flow; and
- Location of any proposed management barriers.

3.9 Other Planning Requirements

No more than 2 hectares is to be cleared at any one time without the approval of the Regional Manager.

For all pits and access roads, the following conditions will apply in addition to the approval:

- DEC will require operator of the pit to fully fund the rehabilitation to departmental specifications;
- DEC will require operator of the pit to provide a ‘Bank Guaranteed Performance Bond’ calculated on 50% of the expected cost of rehabilitation of the pit and road;
- The ‘Bank Guaranteed Performance Bond’ for rehabilitation will be based on the area calculated from the area of the pit defined in the “Pit Management Plan” plus length of road and nominal clearing width in the approved access road; and
- In the event that the operator of the pit defaults on rehabilitation of a pit or road within the required time period, then the future ‘Bank Guaranteed Performance Bond’ for rehabilitation will increase to 100% of rehabilitation costs.
Figure 2 (a) Vegetation Stockpile

To allow sufficient area for stockpiling of vegetation (to be used and not burnt), topsoil and overburden and pit activities, the vegetation should be stockpiled within the pit boundary at a distance of at least 10 (preferably 20) times the proposed depth of the BRM resource.

Figure 2 (b) Topsoil Stockpile

Figure 2 (c) Stylised Pit Layout
<table>
<thead>
<tr>
<th>Pit Area No.</th>
<th>Location of debris for retention</th>
<th>Location of debris for burning</th>
<th>Placement of topsoil / subsoil</th>
<th>Topsoil for rehabilitation</th>
<th>Seed / fertilizer requirements /ha</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area 1</td>
<td>Stack inside Area 1 approximately one machine length from standing timber.</td>
<td>Stack inside Area 1 &gt;10m from standing timber and burn (as required by DEC).</td>
<td>Stack each type separately on the edge of Area 6.</td>
<td>From Area 2</td>
<td>100 000 seeds and 250kg of fertilizer.</td>
</tr>
<tr>
<td>Area 2</td>
<td>Stack inside Area 2 as above</td>
<td>Stack inside Area 2 &gt;10m from standing timber and burn (as required by DEC).</td>
<td>Spread over Area 1.</td>
<td>From Area 3</td>
<td>100 000 seeds and 250kg of fertilizer.</td>
</tr>
<tr>
<td>Area 3</td>
<td>Stack inside Area 3 as above.</td>
<td>Stack inside Area 3 &gt;10m from standing timber and burn (as required by DEC).</td>
<td>Spread over Area 2.</td>
<td>From Area 4</td>
<td>100 000 seeds and 250kg of fertilizer.</td>
</tr>
<tr>
<td>Area 4</td>
<td>Stack inside Area 4 as above.</td>
<td>Stack inside Area 4 &gt;10m from standing timber and burn (as required by DEC).</td>
<td>Spread over Area 3.</td>
<td>From Area 5</td>
<td>100 000 seeds and 250kg of fertilizer.</td>
</tr>
<tr>
<td>Area 5</td>
<td>Stack inside Area 5 as above.</td>
<td>Stack inside Area 5 &gt;10m from standing timber and burn (as required by DEC).</td>
<td>Spread over Area 4.</td>
<td>From Area 6</td>
<td>100 000 seeds and 250kg of fertilizer.</td>
</tr>
<tr>
<td>Area 6</td>
<td>Stack inside Area 6 as above.</td>
<td>Stack inside Area 6 &gt;10m from standing timber and burn (as required by DEC).</td>
<td>Spread over Area 5.</td>
<td>From Area 1 and additionally from topsoil/subsoil and BRM under stockpiles.</td>
<td>200 000 seeds and 400 kg fertiliser if topsoil is stockpiled greater than 2m height and / or for longer than 12 months duration</td>
</tr>
</tbody>
</table>
4 Operational Procedures

4.1 Clearing

Prior to clearing, pit boundaries are to be demarcated as follows:
- Marked with white paint crosses facing the area to be cleared; and
- In non-forest situations the boundary must be pegged with prominent white painted pegs flagged with white tape.

NB. All pit operations and activities must be contained within the demarcated boundary.

As part of the clearing operation all commercial forest produce must be:
- Harvested and removed from the pit and access road; or
- Harvested and stockpiled within the pit boundary, in a position that can be accessed without compromising hygiene, and not behind topsoil or gravel stockpiles; and
- When less than 3 months notice is given to the District, the harvesting may be carried out at the proponent’s expense.

Following removal of commercial products, debris must be cleared into heaps or windrows (which must be free of topsoil) at a distance no closer than 10 m from standing trees, so that it can be burnt within the confines of pit boundary. Some debris (logs, stumps rocks) can be used for fauna habitat at the rate of 4 habitat mounds per hectare, and this material should be retained for later scattering over the rehabilitated pit after topsoil has been spread over the pit surface. It should be neatly stockpiled within the pit area, in a location that will allow it to be recovered after rehabilitation earthworks are completed.

4.2 P.c Hygiene Management

- Locate the entrance to pit at the down slope end of the pit.
- All earthmoving machinery must be clean of all dirt and root material to the satisfaction of the District Manager before entering or leaving the pit.
- Access to the pit must be properly formed and free draining. Ensure pit does not drain down access track or drainage from roads does not enter the pit.
- P.c-free pits and uninterpretable pits must be closed to unauthorised access whilst open but not in use. This should consist of a physical, immovable barrier or a gate.
- All vehicles entering a P.c-free pit must be clean of soil and root material. This may require the establishment of a suitably located clean down (brush, blow or wash-down) facility in the field.
- P.c-free pits should be worked under dry soil conditions.

4.3 Stripping Topsoil

Topsoil management is of critical importance. This is the only effective means of re-establishing a diverse vegetation community on the site, and will be managed according to the following criteria:

- A nominal 100 to 150 mm of topsoil is to be immediately re-spread on pre-prepared pit or stockpiled;
  - Topsoil stock piles should not exceed 2 metres in height; and
  - Topsoil should not be left standing for more than 12 months.
- Overburden or subsoil below 150 mm should be removed if necessary and stored separately;
- Immediate topsoil use should be encouraged by sequential operations if the pit is ongoing (See figure 3);
- Topsoil from newly cleared area should be used for rehabilitation of the previously mined area; and
- Topsoil from road alignments may be used to assist with rehabilitation of BRM pits with DEC approval, providing that the soil has a suitable disease status, and is not required for rehabilitation of the road.

4.4 Winning Resource

- Working in a general uphill pattern, gravel should be won from the front of the pit first and progress to the back of the pit if possible. If material quality is patchy, mixing from various sites will be necessary.
- To increase pit life basement clay can be mixed with the surface gravel and crushed laterite rock.
- Do not leave islands of material, work on a front during winning operation and use all the resource from one section before moving to the next.
- Gravel winning should be carried out by a bulldozer fitted with rippers in preference to a wheeled loader. The dozer should push up sufficient gravel and basement clay to allow mixing at the loading phase.
- Rock crushing to improve utilisation should be encouraged.
- In P.c-free and uninterpretable pits the winning operation must be separated from the loading out operation by a physical hygiene barrier.

4.5 Pit Drainage

During the establishment and use of BRM pits it is important to plan for the management of water. This will involve attention to the movement of water in relation to the pit itself, and the access road. This can include:

- Selection of the pit location (water gaining or water shedding), and issues relating to hygiene management;
- Construction of drains to encourage water to drain off the pit, and reduce the potential for significant ponding in the pit;
- Installation of surface water management structures above the pit, to ensure that water is dispersed into vegetation or debris, and does not drain into the pit; and
- Orientation of drains so that water is directed outside the curve of any access road to reduce the likelihood of the effluent water being re-collected on the road.

Pits should be inspected for potential ponding or erosion issues in winter to determine if the surface water management has been effective. Urgent remedial action to correct ineffective drainage and/or repair erosion must be completed immediately, and non-urgent remedial action completed as soon as hygiene or soil conditions permit.

4.6 Pollutants / Rubbish

Specify management requirements for on-site fuel / chemical storage i.e. bunded areas.
- No oil changes in the pit.
- Ensure advice to DEC in the event of fuel or chemical spills.
- Remove soil contaminated by spilt oil and fuel.
- Remove all rubbish to an authorised waste disposal site.

4.7 Weed Management

The site is regularly inspected and maintained free from introduced weeds both agricultural and environmental. Spraying weeds using recommended herbicides at prescribed rates should be undertaken as required.

Equipment and trucks should be cleaned and inspected for potential sources of weeds, in conjunction with P.e hygiene management prior to the commencement of clearing, carting or rehabilitation operations.
5 Rehabilitation Earthworks

The sequence of events recommended for rehabilitation of BRM pits and access roads are detailed below. This sequence is also summarised in the Pit Rehabilitation Flow Chart and Checklist B must be used to record completion of the rehabilitation phases outlined.

5.1 BRM Pits

- At the completion of BRM extraction and prior to rehabilitation earthworks:
  - Remove all litter;
  - Clean up any oil or fuel spills by removing contaminated soil and disposing of this in an approved manner;
  - Remove any potentially saleable log material from the pit;
  - Neatly stack on the pit all unmerchantable log material, debris and bark that is to be burnt; and
  - Stacks are to be no closer than 10 m from any crop or habitat trees or other vegetation marked for retention;

- Complete landscaping earthworks so that:
  - Batters are no greater than 1 vertical to 4 horizontal (14°);
  - Pit floors should have at least 1:100 fall, and effective dispersal from the pit to prevent ponding and dieback intensification;
  - Drainage should be constructed to avoid disease spread on a broad front downhill from the pit;
  - Laterite floaters must be cracked, removed or buried in the batters; and
  - Rock piles may only be established with approval from the appropriate DEC District Manager.

- All rehabilitation earthworks must be carried out in a way that is consistent with the requirements of the “Hygiene Management Plan” for the area;
- Once pit debris and log off-cuts have been burnt away to the satisfaction of the DEC officer, then the rehabilitation earthworks can be carried out (see Figure 4);
- Examine the soil contour and peg a reference line at approximately 0.5% off the natural contour;
- Rip lines should be constructed primarily to alleviate compaction, secondly to promote infiltration and thirdly to assist to divert water off the pit floor without causing erosion;
- Ripping will be carried out using a dozer with a minimum flywheel 110 hp, fitted with a rake blade and preferably a winged-tyne ripper capable of ripping to a depth of 0.8 m, and is to be undertaken in Low or Medium risk period in the wetting up phase of the year to achieve shattering of compacted subsoil;
- Rip the pit floor across the contour to at least 0.8 m depth with a winged-tyne ripper, at 1 m spacing. Check the soil condition against the required specifications. If the ripping results in excessive clods, then these are to be broken down by scarification;
- Scarification may be carried out with any suitable implement that will loosen the soil surface to a minimum depth of 100 mm, spaced at approximately 250 mm centres, and should be undertaken during the Low or Medium risk period;
- Ash from the burnt logs and debris must be evenly spread over the pit;
• Cross rip the pit floor with the contour to at least 0.8 m depth with preferably a winged-tyne ripper, at 1 m spacing;
• Following cross-ripping scarification may be necessary if large clods are evident or there is minimal top soil available;
• Spread the stockpiled topsoil evenly over the pit floor after second ripping and scarification;
• Once the ripping, replacement of topsoil and surface scarification have been completed then the pit should have surface water management structures installed;
• Provide fauna protection by creating rock heaps, or replacing stumps or logs at the rate of 4 per hectare;
• Seeding and planting will be undertaken as specified in Section 6;
• Pits and drainage areas down slope of the pit should be inspected for potential ponding or erosion issues as appropriate, until they have been signed off as completed by a DEC Officer as part of the completion criteria; and
• Remedial action will be required to correct ineffective drainage and repair erosion (this may be required following the first winter).

5.2 Pit Access Roads

The requirements and expected sequence of events for the closure and rehabilitation of roads will be as follows:
• At each junction or crossing with an open road, ensure road closure to the satisfaction of the District Manager using an approved technique including blocking the alignment with either:
  □ Logs greater than 1 m diameter;
  □ Earth bund to be 1 m high and faced with rock greater than 300 mm diameter; or
  □ Rocks greater that 1 m in diameter;
• Undertake the removal of road hardware such as pipes, posts and signs;
• Reshape the road alignment and drainage features to the natural contour;
• Rip the alignment at 1 m spacing to at least 0.8 m depth with preferably a winged-tyne ripper. The ripping tyne must be lifted every 20 m for a distance of 1 m to reduce the potential for soil erosion;
• Surface scarification of the alignment to a minimum depth of 100 mm and a maximum of 200 mm at approximately 250 mm centres, to enable restoration of soil porosity and create a seed-bed will be required;
• Install suitable surface water management structures to prevent erosion according to the requirements specified in Section 6 of this document;
• Seed and plant the alignment as specified in Section 6 of this document;
• Ensure ongoing compliance with the “Hygiene Management Plan” requirements until vegetation is sufficiently large to effectively close the road; and
• At the completion of the rehabilitation earthworks ensure DEC is advised so that the corporate database can be updated to reflect any change in road inventory or point items e.g. road signs.

5.3 Success criteria

The outcomes that must be achieved to ensure successful rehabilitation of BRM pits and access roads are dependent on the phase of the rehabilitation process as described below. In all cases where the rehabilitation criteria have not been achieved, then the proponent will be advised and will need to have the work completed to the required standard.
• The log and debris cleanup phase:
  ■ All heaped material has burnt away as required.

• The ripping phase:
  ■ The area has been reshaped to the natural contour (if required);
  ■ Ash from burnt debris heaps has been roughly spread out;
  ■ Ripping has not resulted in avoidable mixing of the topsoil and subsoil layers;
  ■ Rip lines in the pit are aligned within 0.5% of the natural contour; and
  ■ An 8 mm rod can be pushed by hand to a depth of at least 0.8 m at 80 per cent of test points in the rip lines (based on 30-50 points / ha in the pit and across the pit, and a point every 5-10 m along access roads).

• The scarification and soil surface preparation phase:
  ■ Stored overburden and topsoil has been evenly spread over the ripped area;
  ■ Scarification has not resulted in avoidable mixing of the topsoil and subsoil layers;
  ■ Clods of compacted soil are less than 100 mm in diameter;
  ■ Topsoil is generally loose and friable to a minimum depth of 100 mm (and a maximum of 200 mm) at approximately 250 mm centres; and
  ■ An 8 mm rod can be pushed by hand to a depth of 100 mm over 80 per cent of test points off the rip lines (based on 30-50 points / ha in the pit and across the pit, and a point every 5-10 m along access roads).

• Rehabilitation earthworks phase:
  ■ The pit and access road has been reshaped to the natural contours;
  ■ Ripping and / or scarifying has been completed to the required standard;
  ■ Stored topsoil has been respread uniformly across the pit or road alignment; and
  ■ Rehabilitation operations have not resulted in major erosion, deposition or ponding;

• The rehabilitation operations:
  ■ The requirements for the preceding phases have been met;
  ■ Seedlings and regeneration achieve the stocking and survival rate specified in the Revegetation plan; and
  ■ The rehabilitated area is stabilised without ongoing major erosion, deposition or ponding of water.

Last updated: 8th August 2008
Custodian: Manager, Environmental Management Branch
Approved by: Manager Environmental Management Branch
Figure 4 Idealised Pit Rehabilitation
6 Revegetation Requirements

The following general requirements apply to seeding and planting activities associated with rehabilitation. The Pit Management Plan will define whether rehabilitation will be undertaken using seeding only or a mixture of seeding and planting.

6.1 Seeding

- BRM pits, banks, batters and access roads will be seeded with an approved seed mix and fertilised according to the following standards:
  - Seed mixes relevant to the surrounding forest type are to be utilised and must be sourced from the seed zones appropriate to the site;
  - Seed supplied for the rehabilitation must be tested and certified as viable;
  - Prior to broadcast, seed should be pre-treated using recognised seed dormancy breaking procedures; to break seed dormancy and improve germination rates;
  - Seed mix is to be applied to recently rehabilitated pits and access roads in autumn, before the first winter rains. Heavy rain prior to sowing may compact the surface soil and reduce germination success;
  - Seed mix is to be evenly spread over proposed area for rehabilitation;
  - At least 100 000 seeds per hectare are to be applied if topsoil has been stored for less than 12 months prior to spread on the pit;
  - At least 200 000 seeds per hectare are to be applied on roads or on the pit if topsoil has been stored for more than 12 months, has been stockpiled at a height of greater than 2 m, or is available in insufficient quantity to adequately cover the pit;
  - Seed mixes will be approved for each pit by the DEC Senior Silviculturist or the DEC Nature Conservation Leader for the area. The seed mixes will generally include species that are nitrogen fixers or likely to accumulate organic matter quickly, with the aim of ensuring that the reseeding re-establishes nutrient cycling in the soil by contributing to the carbon and nitrogen cycles;
  - Fertilise with 250 kg/ha of granulated fertilizer (with N – 16.1%, P – 9.1%, K – 0%, S – 14.3%) or an equivalent rate of an approved fertiliser when fresh topsoil is available to spread over the pit;
  - Fertilise with 400 kg/ha of granulated fertilizer (with N – 16.1%, P – 9.1%, K – 0%, S – 14.3%) or an equivalent rate of an approved fertiliser on roads or if topsoil has been stored for more than 12 months, is insufficient or of low fertility;
  - It is expected that the sowing will be supplemented by natural seed dispersal from adjacent vegetation or from soil stored seed to provide establishment of other local species; and
  - Seed bearing brush may be used to assist regeneration.

6.2 Planting

Where required in the Revegetation Plan, BRM pits and access roads will be planted with seedlings and fertilised according to the following standards:

- Use plants propagated from seed sourced from the appropriate seed zone;
- Planting will generally be by means of a potti putki planting spear;
- All plants will meet the standards outlined in Table 3 (below);
- Plants must be broken out of plant trays carefully to avoid damage to roots or shoots; and
- Plant trays and liners are to be handled carefully and stacked neatly at the plant dump for later pickup.
Table 3  Seedling standards for hand planting

<table>
<thead>
<tr>
<th>Species</th>
<th>Height (mm)</th>
<th>Diameter at soil level (mm)</th>
<th>Stem characteristics</th>
<th>Root characteristics</th>
<th>Unacceptable defects*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jarrah, Marri, Wandoor</td>
<td>100 - 200</td>
<td>2</td>
<td>Single erect stem</td>
<td>Well-developed root ball, which allows seedling to be removed from the tray with soil mass intact.</td>
<td>Multiple leaders Unthrifty (dehydrated, partially dead, root-bound, with mildew or fungus attack).</td>
</tr>
<tr>
<td>Karri</td>
<td>150 - 300</td>
<td>2</td>
<td>Single erect stem</td>
<td>Well-developed root ball, which allows seedling to be removed from the tray with soil mass intact.</td>
<td>Multiple leaders Unthrifty (dehydrated, partially dead, root-bound, with mildew or fungus attack).</td>
</tr>
</tbody>
</table>

* Seedlings exhibiting these defects are to be discarded.

During the planting of seedlings the following requirements must be adhered to:

- Planters should use random spacing and pattern or alternatively rows should not be visible from adjacent roads;
- Aim to position plants immediately on the edges of rip lines where possible;
- Plants must not be planted closer than 1 metre to logs and stumps;
- Do not plant beneath the crowns of retained trees;
- Planting lines must not commence within 3 metres of the edge of any road;
- Plants must be planted between 10 mm and 20 mm deeper than the nursery level;
- Plants are to be heeled or toed in to remove air pockets from around roots and to ensure they are firmly positioned. (Plants should not be able to be removed from the soil when held firmly by the stem and a gentle lifting motion applied.);
- The stem of planted seedlings must be vertical or near vertical;
- Regular checks of planting stocking rates must be completed. This must be done at least twice daily on each planting site using a random point sampling method;
- Spacing will be altered as necessary to ensure the correct stocking is achieved;
- All roads subject to rehabilitation in addition to seeding will have tree seedlings planted in rip lines on the road surface and on rehabilitated banks and batters;
- Planting of overstorey species is required in the first year according to the following standards:
  - Plant 1000 trees/ha.
  - Apply 100g pellets of fertilizer (with N – 17.5%, P – 20.0%, K – 0%, S – 1.2%) or an equivalent rate of an approved fertiliser is to be buried within 150 mm and down hill of each seedling at the time of planting.

6.3 Monitoring Survival

Rehabilitated areas will be monitored by the proponent for regeneration success and seedling survival no sooner than the end of the first summer following rehabilitation using the relevant Departmental guideline. To be considered successful 85% of the sample points are required to meet the following success criteria:

- Overstorey: 625 seedlings/ha
- Understorey: 2500 legume plants/ha and 2500 non-legume plants/ha

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Custodian: Manager, Environmental Management Branch
Approved by: Manager Environmental Management Branch
Unless otherwise specified second year planting of trees and shrubs is required if a success criterion of at least 25 x legume and 25 x non-legume shrubs and 7 x trees per 100 m² (10 m x 10 m) is not achieved by year 2.

Areas of 0.5 hectares or greater not meeting the success criteria will be reseeded or replanted until the area is successfully rehabilitated. Areas that receive additional seeding will be re-monitored the following year and reported to DEC.

In the event that the person monitoring the rehabilitation is unsure what remedial action to use, this can be resolved by referring to the Senior Silviculturist from DEC;

6.4 Weed Control

Weed infestation of rehabilitated sites should be assessed in conjunction with survival assessments, and where necessary weed control should be carried out in year 2. The intention is that weed populations should not exceed the weed populations on the original site or be no greater than that of surrounding vegetated areas.
7 Completion Criteria

The rehabilitation process will be considered complete when DEC is satisfied that:

- All requirements of Checklist B have been satisfactorily completed;
- Regeneration surveys indicate that the regeneration requirements have been achieved (at least one summer following rehabilitation);
- Rehabilitated area is stabilised without ongoing erosion, deposition or ponding of water;
- Areas down slope of the rehabilitated area are not negatively affected by pit effluent; and
- The rehabilitated site does not have weed infestations that exceed the weed populations on the original site or are greater than that of surrounding vegetated areas.

Once all of these criteria are achieved, then DEC should return the “Bank Guarantee Rehabilitation Bond” to the pit operator, and the DEC records should be updated to record that the rehabilitation has been completed.
8 Reporting

The Forest Management Plan 2004-2013 - Action 19.1.2 requires that instances where local seed has not been used for regeneration and rehabilitation are reported to the Conservation Commission of WA.

The Forest Management Plan 2004-2013 - Action 29.4 requires the DEC and FPC to maintain a database of areas from which BRM have been extracted and will progressively develop plans and works programmes for the rehabilitation of these areas. To ensure compliance with this each proponent or pit operator will provide DEC with the location and extent of all pits, and will advise DEC once completion criteria have been achieved and pits have been rehabilitated.
9 Useful reading


# CHECKLIST A - PIT MANAGEMENT PLAN

<table>
<thead>
<tr>
<th>DEC District:</th>
<th>BRM Site Number:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roading Contractor:</td>
<td>DEC Region:</td>
</tr>
<tr>
<td></td>
<td>Contract No.</td>
</tr>
<tr>
<td>BRM Type:</td>
<td>Estimated Volume available:</td>
</tr>
</tbody>
</table>

BRM supply for - FPC - Native forest harvesting / Plantation harvesting
- FMS - Strategic access / Burn boundary construction or maintenance / Other
- PVS - Roads, tracks or trails / Recreation site construction or maintenance / Other
- NC Monitoring / Species management / Feral animal or weed control / Other
- SFM – Monitoring / Survey / Other
- Other Agencies (List)

Access to - (Insert coupe / plantation or location name)

<table>
<thead>
<tr>
<th>Road Name -</th>
<th></th>
</tr>
</thead>
</table>

## PLANNING

### ALTERNATIVES EXAMINED
- Use existing pits;
- Use utility corridors;
- Obtain from private property.

### BRM REQUIREMENTS AND DISEASE STATUS
- Disease status of BRM required;
- Disease status of the pit;
- Volume of BRM required.

### MANAGEMENT OF HERITAGE
- Indigenous heritage; and
- Non-indigenous heritage.

### FLORA, FAUNA & OTHER CONSERVATION VALUES
- Flora survey of BRM pits and access roads
- Flora survey of off-shoot drain alignment and outflow area;
- Fauna management;
- Management of existing weeds.

### PROTECTION OF INFORMAL RESERVES
- Check FMP - Appendix 3 for compatible activities;
- Use buffer width specified in FMP – Appendix 3.

### PROTECTION OF WATER VALUES
- Ensure buffer widths proposed are appropriate;
- Consult with Department of Water in PDWSA / RPZ; and
- Specify sediment control structures type and location.

### VLM MANAGEMENT
- Avoid sites in view of prominent observation points;
- Adequate screening from public roads (150 m buffer);
- Restrict disturbance to within pit boundary / access road alignment;
- Dog legging the access roads

### PIT / ACCESS ROAD DEMARCATION
- Boundary location; or
- Method of demarcation;
- Area of the pit;
- Length and area of clearing for access road;
- Access road standard (width etc);
- Topsoil storage; and
- Road drainage.
<table>
<thead>
<tr>
<th>PLANNING</th>
<th>ACTION / COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIT ACCESS</td>
<td>- Highways / public road to be used;</td>
</tr>
<tr>
<td></td>
<td>- Intersection points</td>
</tr>
<tr>
<td></td>
<td>- Road hardware / signage requirements; and</td>
</tr>
<tr>
<td></td>
<td>- Management of public access (barriers etc).</td>
</tr>
<tr>
<td>DIEBACK MANAGEMENT</td>
<td>- P.c Occurrence Map (ID No.)</td>
</tr>
<tr>
<td></td>
<td>- Hygiene Management Plan (ID No.)</td>
</tr>
<tr>
<td></td>
<td>- Current for entire operational period?</td>
</tr>
<tr>
<td>TIMBER RECOVERY PLAN</td>
<td>- Removal / Sale of Merchantable Timber</td>
</tr>
<tr>
<td></td>
<td>- Removal / Disposal of Other timber / debris</td>
</tr>
<tr>
<td></td>
<td>- Planned lead time</td>
</tr>
<tr>
<td>TOPSOIL MANAGEMENT</td>
<td>- Topsoil removal and storage;</td>
</tr>
<tr>
<td></td>
<td>- Subsoil removal and storage; and</td>
</tr>
<tr>
<td></td>
<td>- Priorities for topsoil return.</td>
</tr>
<tr>
<td>FIRE MANAGEMENT</td>
<td>- Burning of debris;</td>
</tr>
<tr>
<td></td>
<td>- Shutdown periods; and</td>
</tr>
<tr>
<td></td>
<td>- Fire extinguishers / fire fighting equipment.</td>
</tr>
<tr>
<td>MANAGEMENT OF MINING / REMOVAL OF BRM</td>
<td>- Winning;</td>
</tr>
<tr>
<td></td>
<td>- Mixing (use of clay / subsoil);</td>
</tr>
<tr>
<td></td>
<td>- Dealing with cap-rock / floaters:</td>
</tr>
<tr>
<td></td>
<td>- Crushing;</td>
</tr>
<tr>
<td></td>
<td>- Managing stockpiles;</td>
</tr>
<tr>
<td></td>
<td>- Access to pit when not in use and</td>
</tr>
<tr>
<td></td>
<td>- New weed infestations</td>
</tr>
<tr>
<td>PIT DRAINAGE</td>
<td>- Pit floor; and</td>
</tr>
<tr>
<td></td>
<td>- Sumps / silt traps.</td>
</tr>
<tr>
<td>SAFETY</td>
<td>- Identify work hazards; and</td>
</tr>
<tr>
<td></td>
<td>- Specify workplace safety provisions.</td>
</tr>
<tr>
<td>REHABILITATION PRESCRIPTION AND TIMING</td>
<td>- Rehabilitation earthworks;</td>
</tr>
<tr>
<td></td>
<td>- Seeding prescription (Revegetation plan attached);</td>
</tr>
<tr>
<td></td>
<td>- Fertiliser prescription (Revegetation plan attached); and</td>
</tr>
<tr>
<td></td>
<td>- Planting prescription (Revegetation plan attached).</td>
</tr>
<tr>
<td>WEED MANAGEMENT</td>
<td>- Ensure equipment and vehicles are free of weeds before commencing work;</td>
</tr>
<tr>
<td></td>
<td>- Monitor and treat population of existing weeds;</td>
</tr>
<tr>
<td></td>
<td>- Monitor and treat populations of new weeds.</td>
</tr>
<tr>
<td>MONITORING PIT MANAGEMENT</td>
<td>- Nominated Pit Manager</td>
</tr>
<tr>
<td></td>
<td>PIT MANAGEMENT MAP (Attach)</td>
</tr>
</tbody>
</table>

Signed: (Operator) Date:

DEC Use:
Does the information provided satisfactorily address the sensitivities identified? Y/N
If “Yes” Provide “initial” approval for the work; or
If “No” Return the Plan and map to the road contractor and advise of areas of concern
APPROVAL IS NOW GIVEN TO CLEAR .... ha. AS PROPOSED IN THE ATTACHED PLAN AND DEMARCATED IN THE FIELD.

DEC Officer: Name Signature: Date:

Last updated: 8th August 2008
Custodian: Manager, Environmental Management Branch
Approved by: Manager Environmental Management Branch
Checklist -:

<table>
<thead>
<tr>
<th>The map shows the following aspects</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Location of hygiene boundaries</td>
<td>Y/N</td>
</tr>
<tr>
<td>Location of topsoil stockpiles</td>
<td>Y/N</td>
</tr>
<tr>
<td>Location of ridgelines</td>
<td>Y/N</td>
</tr>
<tr>
<td>Location of merchantable timber</td>
<td>Y/N</td>
</tr>
<tr>
<td>stockpiles</td>
<td></td>
</tr>
<tr>
<td>Direction of slope</td>
<td>Y/N</td>
</tr>
<tr>
<td>Location of debris stockpiles</td>
<td>Y/N</td>
</tr>
<tr>
<td>Extent of viable resource and</td>
<td>Y/N</td>
</tr>
<tr>
<td>intended pit boundary</td>
<td></td>
</tr>
<tr>
<td>Direction and stages and sequence</td>
<td>Y/N</td>
</tr>
<tr>
<td>of BRM extraction</td>
<td></td>
</tr>
<tr>
<td>Intended buffers for roads and</td>
<td>Y/N</td>
</tr>
<tr>
<td>riparian zones</td>
<td></td>
</tr>
<tr>
<td>Location of contour banks with</td>
<td>Y/N</td>
</tr>
<tr>
<td>direction of intended water</td>
<td></td>
</tr>
<tr>
<td>flow</td>
<td></td>
</tr>
<tr>
<td>Proposed access point/s</td>
<td>Y/N</td>
</tr>
<tr>
<td>Location of any proposed management</td>
<td>Y/N</td>
</tr>
<tr>
<td>barriers</td>
<td></td>
</tr>
</tbody>
</table>

MAP:  Minimum standard: 1:10,000 or larger scale showing the full extent of the work.

Scale:

Last updated: 8th August 2008
Custodian: Manager, Environmental Management Branch
Approved by: Manager Environmental Management Branch
<table>
<thead>
<tr>
<th>PHASE</th>
<th>DATE</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIT MANAGEMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRM REMOVAL HAS BEEN COMPLETED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Confirm removal of BRM from current operational area is completed; and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Plan transition to next phase (if required).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RESIDUE LOGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- The removal of the log material is satisfactory;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Location / amount or type of residue remaining after burning or physical removal will not cause subsequent problems for DEC.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RESETTING WORK HAS BEEN COMPLETED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Large floaters have been buried / crushed / removed;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Pit area has been reshaped to the natural contours;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Sides have been battered to 1:4; and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Pit floors should have at least 1:100 fall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INITIAL SOIL PREPARATION HAS BEEN COMPLETED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Pit floor has been ripped across the contour to 0.8m at 1m spacing;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Rip along the contour to 0.8m at 1m spacing;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Clods of compacted soil are less than 100mm diameter; and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- An 8mm rod can be pushed by hand to a depth of at least 0.8m at 80 per cent of sample points in the rip lines (up to 20% below standard is not located in one area).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOIL PREPARATION HAS BEEN COMPLETED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Topsoil and ash has been respread uniformly across the pit or access road;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Topsoil is generally loose and friable to a minimum depth of 100 mm at approximately 250 mm centres;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- An 8 mm rod can be pushed by hand to a depth of 100 mm over 80 per cent of the pit or access road.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FINAL EARTHWORKS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WATER MANAGEMENT STRUCTURES ARE INSTALLED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Upland runoff and excessive water flow has been diverted away from the rehabilitated area;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Surface water management structures have been installed across the contour (0.5%);</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Pit floors should have at least 1:100 fall, and effective water dispersal to prevent ponding and dieback intensification.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SEEDING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Completed before May;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Approved seed mix of local seed used;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Fertilised with approved type and quantity of fertiliser.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PLANTING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Completed before mid - August;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Stocking is 1000 seedlings / ha and seedlings are properly planted;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Fertilised with approved type and quantity of fertiliser.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REVEGETATION WORKS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRAINAGE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Rehabilitated area is stabilised without ongoing erosion, deposition or ponding of water.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signed: (Operator) (District Manager)
A crushing unit operating in Mowen Road gravel pit (Jeremy Chick)

Gravel recovery from stockpile on Carbanup Road (Deirdre Maher)

Loading gravel – Frosty Road (Bob Hagan)

Completed rehabilitation earthworks - Frosty Road (Wolf Tiedemann)
Unacceptable Outcome

Poor rehabilitation showing rough surface and little seedling growth.

Acceptable outcome

Seedling and understorey regeneration approximately 6 months after establishment.

Understorey and tree growth on an un-rehabilitated pit approximately 4 years after completion of mining.

Understorey and tree growth in a properly rehabilitated pit approximately 4 years after establishment.

Results of rehabilitation without topsoil replacement at approximately 20 years since establishment.

Subsequent regeneration of a similar site approximately 9 years after topsoil replacement and replanting.

Last updated: 8th August 2008
Custodian: Manager, Environmental Management Branch
Approved by: Manager Environmental Management Branch