ENVIRONMENT PROTECTION ACT 1970
SECTION 20

LICENCE

BARRO GROUP PTY LIMITED

Holder of

Licence:	**80195**
Issued:	06/09/2013
Last Amended:	10/08/2018
ACN:	005 105 724
Registered Address:	191 DRUMMOND ST CARLTON VIC 3053
Premises Address:	22 SUNSHINE AV KEALBA VIC 3021
Scheduled Categories:	A05 Landfills
Description:	The licence holder operates a landfill. The licence allows for solid inert waste and shredded tyres to be deposited to land.

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STEPHEN ADAMTHWAITE
Team Leader
Development Assessments
Delegate of the Environment Protection Authority

Issued under the *Environment Protection Act 1970*, Section 20

PREAMBLE

Licences

Who we are: The Environment Protection Authority ("EPA") is an independent statutory authority established under the *Environment Protection Act 1970* ("the Act"). Our purpose is to protect and improve our environment by preventing harm to the environment and human health.

Why we issue licences: EPA is responsible for preventing or controlling pollution (including noise) and improving the quality of the environment. This responsibility includes regulating activities that may present a danger to the environment. One of the tools available to EPA is the licensing of certain scheduled premises that may present a risk to the environment.

Section 20 of the Act requires the occupier of a "scheduled premises" to obtain an EPA licence to discharge, handle, treat or dispose of waste to the environment. These premises are defined in the *Environment Protection (Scheduled Premises and Exemptions) Regulations 2017* ("the Regulations").

When we issue licences: EPA will issue a licence when satisfied that an applicant has put in place measures to protect the environment. Licences allow activities to occur and set performance outcomes based on a site's environmental risk. EPA can amend, suspend or revoke a licence in response to changes in standards, site activities or licence holder performance. Licence holders must submit an annual performance statement and pay an annual fee to EPA. All licences and performance statements are publicly available.

Licence information and obligations

Interpretation: For the purposes of this licence "You" means the licence holder identified on the first page of this licence at the "premises" identified on the first page and represented in Schedule 1.
Unless the contrary intention appears, words or terms used in the conditions of your licence have the same meaning as in the Act, including any regulations or policies made pursuant to the Act."

Compliance:
You must comply at all times with the Act and all policies and regulations administered by EPA. Strict penalties apply for non-compliance with any part of your licence or making a false claim on your annual performance statement.

Your licence is subject to conditions. These conditions give rise to a number of duties and obligations on you as the licence holder. Some of these are general in nature, while others require you to do (or not to do) specific things. The duties and obligations imposed by these conditions do not derogate from each other in any way, nor do they affect any other duties or obligations which you are required by law to comply with. You must fulfil all of the duties and perform all of the obligations set out in this licence or otherwise required by law. Certain conditions on your licence may require you to seek a further approval from EPA. Such approvals can be sought via written application to approvals.applications@epa.vic.gov.au. Approvals are only given in writing from the lead assessing officer.

Landfill levy: Landfills must, in accordance with the method and frequency specified in section 50SB of the Act, calculate the amount of landfill levy payable, prepare a landfill levy statement, and submit to EPA both the statement and fee payable.

Review of decisions: If you object to any of the licence conditions, you may have the decision reviewed by applying in writing to the Registrar, Planning and Environment Division, Victorian Civil and Administrative Tribunal ("VCAT"), 7th Floor, 55 King Street, Melbourne within 21 days of the date of issue. An application fee may be applicable when lodging an appeal with VCAT. Contact VCAT on (03) 9628 9777 for further details on fees associated with an appeal. A copy of the appeal should also be forwarded to the Manager, Development Assessments Unit, Environment Protection Authority, GPO Box 4395, Melbourne, 3001, within 7 days of lodgement of the appeal.

Interested (third) parties may also appeal against the licence within 21 days of the date of issue. The Tribunal will notify you if such appeals are received. If an appeal is lodged, this licence will not come into effect.

Licence structure

Structure: Your licence has multiple parts:

- Environmental performance conditions - setting out the performance outcomes you must meet;
- Schedule 1A - locality plan of your premises, delineating the premises boundary;
- Schedule 1B - plan of premises (provided by you).

Some types of licences also contain Schedule 1C - final landfill contour plans and/or Schedule 2 - tables specifying wastes that may be accepted at the premises and the associated treatment applied to them.

CONDITIONS

General Conditions

LI_G1	You must ensure that waste is not discharged, emitted or deposited beyond the boundaries of the premises except in accordance with this licence.
LI_G2	You must immediately notify EPA of non-compliance with any condition of this licence.
LI_G3	By 30 September each year you must submit an annual performance statement to EPA for the previous financial year in accordance with the Annual Performance Statement Guidelines (EPA Publication 1320).
LI_G4	Documents and monitoring records used for preparation of the annual performance statement must be retained at the premises for seven years from the date of each statement.
LI_G6	You must maintain a financial assurance calculated in accordance with the EPA method.
LI_G7	In accordance with the method and frequency specified in section 50SB of the Act you must (a) calculate the amount of landfill levy payable, (b) prepare a landfill levy statement and (c) submit to EPA both the statement and fee payable.

Amenity Conditions

LI_A1	You must ensure that odours offensive to the senses of human beings are not discharged, emitted or released beyond the boundaries of the premises.
LI_A2	You must ensure that there are no emissions of noise and/or vibrations from the premises which are detrimental to either of the following: a) the environment in the area around the premises; and b) the well-being of persons or property in the area around the premises.
LI_A3	You must ensure that nuisance dust and/or nuisance airborne particles are not discharged or emitted beyond the boundaries of the premises.

Waste Acceptance Conditions

LI_WA1	You must ensure all of the following: a) Only waste of a type shown in Schedule 2 of this licence is accepted at the premises; and b) If it is identified that any waste has been received at the premises that is of a type not shown in Schedule 2 in contravention of paragraph a) above, such waste must be placed in a designated and sign-posted temporary storage area and sent for disposal to a site licensed by EPA to receive such waste within 21 days of the date it was received.

Waste Management Conditions

LI_WM3	You must ensure that litter originating from the premises is not present beyond the boundaries of the premises.
LI_WM4	You must ensure that waste does not burn at the premises.

Landfill Conditions

LI_L1 You must develop and put into place a monitoring program that accords with Section A of the Landfill Licensing Guidelines, (EPA Publication 1323.3, released September 2016). The program must evaluate the risks to the environment associated with the operation of the landfill and the steps which can be taken to manage such risks and enable both you and EPA to determine changes in the condition of the environment or impacts to environmental quality as a result of activities at the premises. The monitoring program must be verified by a person who has been appointed as an environmental auditor under the Environment Protection Act 1970 and it must do all of the following:

a) contain an assessment of the risks to the environment arising from the waste that has been deposited at the premises and of the current landfill operation prepared in accordance with the Landfill Licensing Guidelines, (EPA Publication 1323.3, released September 2016) or another method approved by EPA in writing;
b) describe the environmental monitoring of landfill gas, leachate, groundwater, land, air, odour, noise, dust and surface water which will be undertaken to respond to the risks identified in the risk assessment in paragraph a) above;
c) contain trigger levels and contingency actions to prevent further pollution when exceeded;
d) specify the frequency for completing environmental audits of the landfill operation; and
e) be appropriate and adapted to the characteristics of the landfill, including the landfill design, the volume of waste received, the age and planned future lifespan of the landfill and the surrounding environment.

LI_L2 You must engage a person who has been appointed as an environmental auditor under the Environment Protection Act 1970 to conduct and submit to EPA environmental audits of the risk of harm actually or potentially arising from landfill operation under Section 53V of the Act at the frequency specified in the monitoring program.

LI_L3 You must ensure that surface water is segregated from active landfill cells.

LI_L4 Waters contaminated by leachate must not be discharged beyond the boundaries of the premises.

LI_L4.1 You must extract leachate from cells such that the depth of leachate above the lowest point of the drainage layer does not exceed 300mm.

LI_L5 You must take all practicable measures to prevent emissions of landfill gas from exceeding the action levels specified in Table 6.4 of Best Practice Environmental Management, Siting, Design, Operation and Rehabilitation of Landfills (EPA Publication 788.3, released August 2015).

LI_L6 All waste in the cell(s) listed in Schedule 2 apart from at the active tipping face must be covered at all times.

LI_L7 By the end of each day's operations waste must be covered in one of these ways:

a) with a layer of soil at least 0.15 metres thick if the waste is only solid inert waste;
b) with a layer of soil at least 0.30 metres thick for all other wastes; or
c) using alternative cover approved by EPA in writing.

LI_L8 You must:

a) limit the area of the tipping face of each cell to 1250m2;
b) only operate one tipping face at any time unless a second tipping face is required for short term operational reasons; and
c) ensure the active tipping face is mechanically stable as per Section 7.6 of the Best Practice Environmental Management, Siting, Design, Operation and Rehabilitation of Landfills (EPA Publication 788.3, released August 2015).

LI_L9	You must ensure all of the following: a) Waste that is accepted for disposal at the premises is only placed into cell(s) listed in Schedule 2; and b) Waste for disposal is not placed outside of the perimeter of any cell(s) listed in Schedule 2.
LI_L10	You must ensure that waste that has been previously deposited is not recovered and reprocessed except in accordance with written approval from EPA.
LI_L11	You must ensure that waste is not stockpiled at the premises prior to deposit in a cell except in accordance with written approval from EPA.
LI_L12	You must ensure that an independent annual survey is conducted by a licensed surveyor, or other method approved by EPA in writing by the end of June each year for each landfill cell at the premises and submitted to EPA with your annual performance statement. The survey must: a) confirm the volume and mass of air space consumed since the last survey; and b) verify that the top of the waste deposited in cells is in compliance with the EPA approved pre-settlement contour plan.
LI_L13	You must manage each landfill cell so that the surface contour prior to settlement conforms to the surface profile grades in Section 8.1.5 of the Best Practice Environmental Management, Siting, Design, Operation and Rehabilitation of Landfills (EPA Publication 788.3, released August 2015) or otherwise as approved by EPA in writing and so that the top of waste prior to settlement is not higher at any point than the pre-settlement top of waste approved contour plan shown in Schedule 1C.
LI_L14	A weighbridge must be used at the landfill to measure and record a) the weight of waste received at the premises; and b) the weight of waste that is removed from the premises.
LI_L15	You must take measures to prevent hotspots in the waste mass at the landfill site.
LI_L16	You must report hotspots within the waste mass to EPA within 24 hours of detection.
LI_L17	You must manage hotspots within the waste mass in accordance with the Landfill Licensing Guidelines (EPA Publication 1323.3, released September 2016).
LI_L18	You must: a) notify EPA of your intention to commence construction of a new landfill cell at the premises by written notice in accordance with Appendix 7 of the Landfill Licensing Guidelines (EPA Publication 1323.3, released September 2016); and b) not start constructing a new cell without written EPA approval.

LI_L19 Prior to commencing construction of a new landfill cell you must submit the following material to EPA so that it may consider whether or not to grant approval for the construction of the new cell:

a) detailed designs of the landfill cell meaning plans, technical specifications and a construction quality assurance plan which comply with Section 6 and Appendices D, E and F of the Best Practice Environmental Management, Siting, Design, Operation and Rehabilitation of Landfills (EPA Publication 788.3, released August 2015);
b) an assessment report of the of the detailed designs prepared by a person who has been appointed as an environmental auditor under the Environment Protection Act 1970 in accordance with Appendix 14 of the Landfill Licensing Guidelines (EPA Publication 1323.3, released September 2016); and
c) a completed and signed auditor declaration in the format shown in Appendix 15 of the Landfill Licensing Guidelines (EPA Publication 1323.3, released September 2016).

LI_L20 Upon approval by EPA to construct each new landfill cell, you must engage a person who has been appointed as an environmental auditor under the Environment Protection Act 1970 to conduct an environmental audit and submit an environmental audit report to EPA. The environmental audit report must:

a) verify that the construction of the new landfill cell is in accordance with EPA approved designs;
b) assess any potential risks associated with the construction or use of the new landfill cell; and
c) be prepared in accordance with Section 53V of the Environment Protection Act 1970.

LI_L21 You must not commence filling of any new landfill cell with waste without the written approval of EPA.

LI_L22 You must implement a rehabilitation plan for the landfill. The plan must:

a) be revised after each cell is full, if necessary;
b) meet the requirements of Section 8 of Best Practice Environmental Management, Siting, Design, Operation and Rehabilitation of Landfills (EPA Publication 788.3, released August 2015);
c) set timeframes for placement of final capping of all completed cells, calculated from the date that the cell became full; and
d) set timeframes for the progressive capture and treatment of landfill gas and leachate from each completed cell.

LI_L23 You must place intermediate cover on all cells within one month of the date that the cell became full. The intermediate cover must comprise a minimum of 500 mm of compacted clay or compacted clay rich soil or alternative cover approved by EPA in writing.

LI_L24 In circumstances where the deposit of waste in a cell is likely to cease for a period of three months or more, you must place intermediate cover on the cell within one month of the date that waste was last placed in the cell. The intermediate cover must comprise a minimum of 500 mm of compacted clay or compacted clay rich soil or alternative cover approved by EPA in writing.

LI_L25 Prior to commencing construction of each new section of landfill cap you must submit the following to EPA for approval:

a) detailed designs of the landfill cap, meaning plans, technical specifications and a construction quality assurance plan which comply with Section 8 and Appendices D, E and F of the Best Practice Environmental Management, Siting, Design, Operation and Rehabilitation of Landfills (EPA Publication 788.3, released August 2015);
b) an assessment report of the detailed designs of the cap prepared by a person who has been appointed as an environmental auditor under the Environment Protection Act 1970 in accordance with Appendix 14 of the Landfill Licensing Guidelines (EPA Publication 1323.3, released September 2016); and
c) a completed and signed auditor declaration in the format shown in Appendix 15 of the Landfill Licensing Guidelines (EPA Publication 1323.3, released September 2016).

LI_L26 Upon approval by EPA to construct each new landfill cap you must engage a person who has been appointed as an environmental auditor under the Environment Protection Act 1970 to conduct and submit an environmental audit report to EPA. The environmental audit report must:

a) verify that the construction of the cap is in accordance with EPA approved designs;
b) assess any potential risks associated with the construction; and
c) be prepared in accordance with Section 53V of the Environment Protection Act 1970.

LI_L27 You must complete final capping of cells within 2 years of the date that cell became full, in compliance with the approved rehabilitation plan.

LI_L28 You must provide EPA with at least 6 month's notice of your intention to cease accepting waste at the premises.

Air Conditions

Licence does not have any discharge to air conditions.

Water Conditions

LI_DW1 You must ensure that surface water discharged from the premises is not contaminated with waste.

Land Conditions

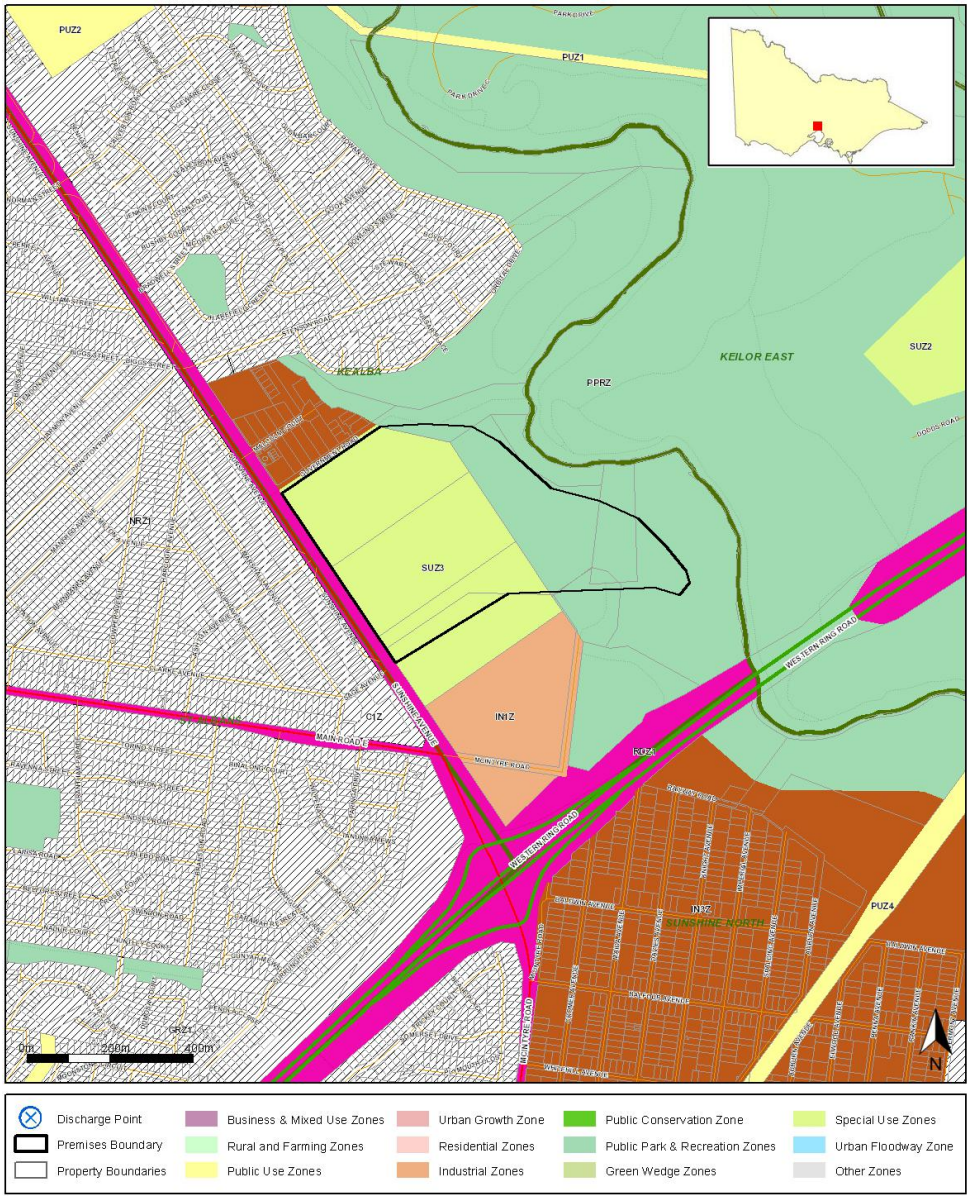
LI_DL1 You must ensure that the activities carried on at the premises do not do either of the following:

a) cause detriment to any beneficial use which may be made of groundwater both within and beyond the boundary of the premises; and
b) pollute groundwater both within and beyond the boundary of the premises contrary to section 39 of the Environment Protection Act 1970.

LI_DL5.1 You must ensure that the activities carried on at the premises do not do either of the following:

a) cause detriment to any beneficial use which may be made of the land on the premises outside of the boundary of any landfill cells; and
b) pollute land on the premises contrary to section 45 of the Environment Protection Act 1970.

SCHEDULE 1A - LOCALITY PLAN



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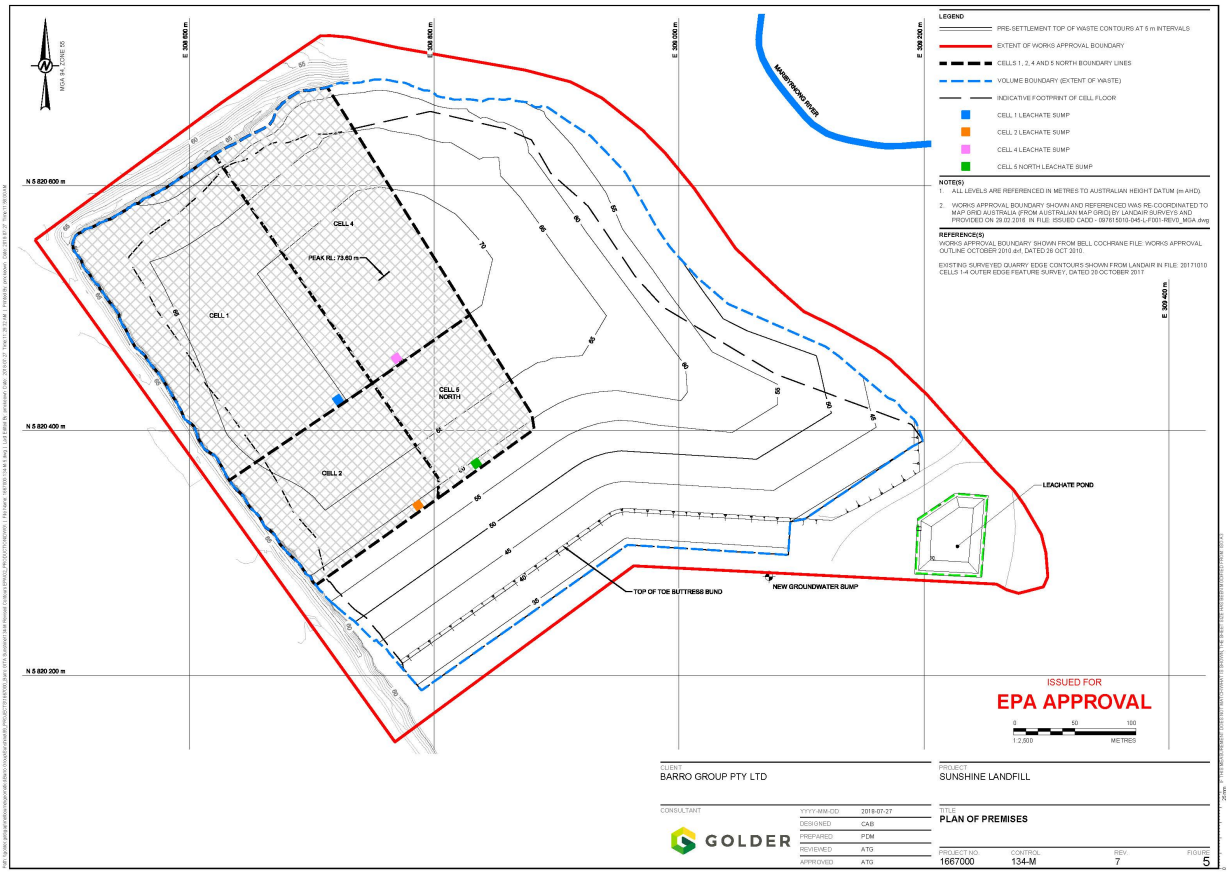
Before relying on the information in this map, users should carefully evaluate its accuracy, currency, completeness and relevance for their purposes, and should obtain any appropriate professional advice relevant to their particular circumstances.

SCHEDULE 1B - PREMISES PLAN



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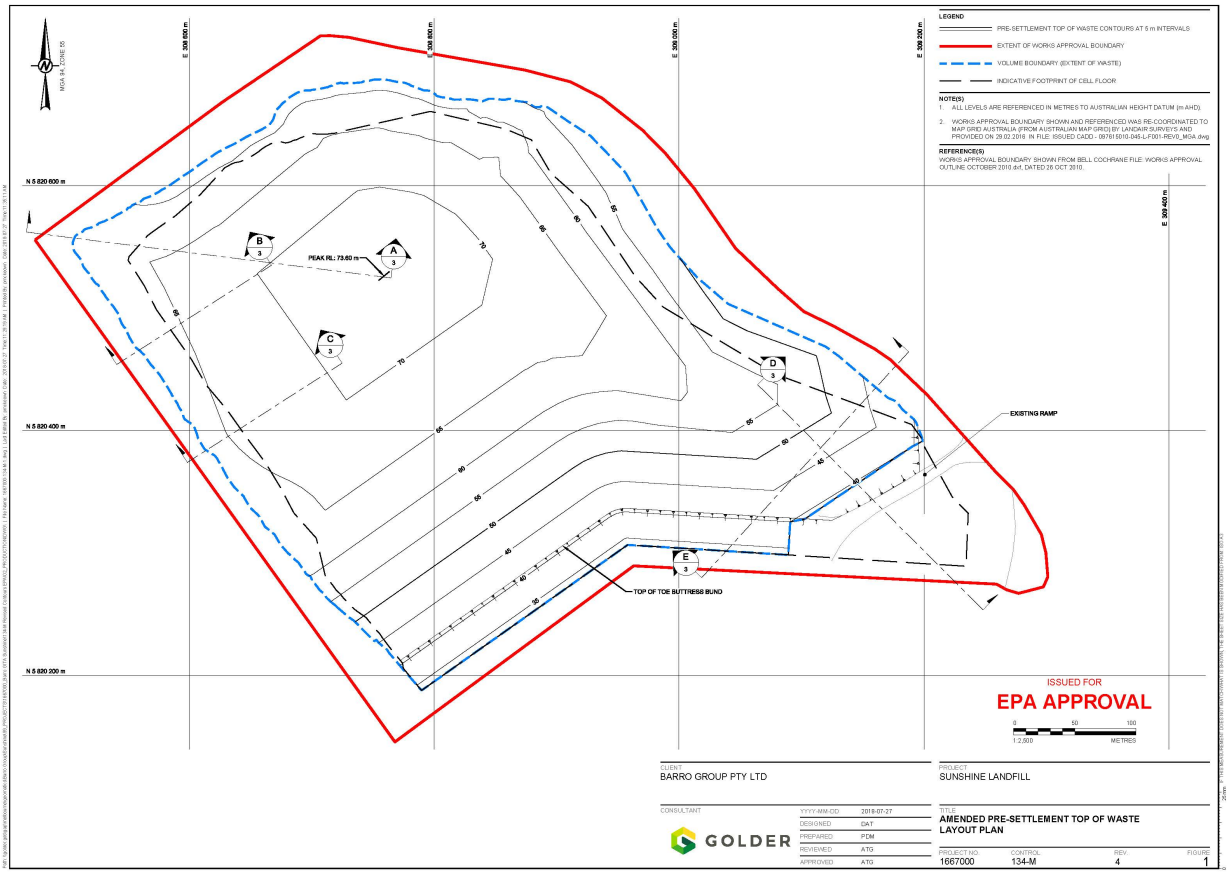
SCHEDULE 1C - CONTOUR PLAN



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SCHEDULE 2 - WASTE ACCEPTANCE TABLES

Disposal to Landfill - General Waste

Landfill Cell	Waste Type
CELL 1	Solid inert waste
	Tyres shredded into pieces < 250 mm
CELL 2	Solid inert waste
	Tyres shredded into pieces < 250 mm
CELL 4	Solid inert waste
	Tyres shredded into pieces < 250 mm
CELL 5 NORTH	Solid inert waste
	Tyres shredded into pieces < 250 mm