

Operating licence

Environment Protection Act 2017

Licence number	OL000220551
Issue date	13 March 2020
Last amended	30 June 2022
Expiry date	31 December 9999
Licence holder	SBI LANDFILL PTY LTD
ACN	166053765
Activity site(s)	950 Ballarto Rd, Cranbourne, VIC, 3977, AU
Prescribed permission activities	A05a (Landfills - excluding municipal landfills servicing <5000 people)

Issued under section 74(1)(a) of the *Environment Protection Act 2017* (the Act).

Rachel Gualano
Director Metropolitan Melbourne Area
Delegate of Environment Protection Authority Victoria (EPA)

epa.vic.gov.au

Environment Protection Authority Victoria
GPO BOX 4395 Melbourne VIC 3001
1300 372 842

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Context

Environment Protection Authority Victoria (EPA) is Victoria's environmental regulator acting in accordance with the *Environment Protection Act 2017* (the Act). Our regulatory role is to work with community, industry and business to prevent and reduce the harmful effects of pollution and waste on Victoria's environment and people.

Why we issue operating licences

A range of operating activity types are prescribed in the Environment Protection Regulations 2021 (the Regulations) because they give rise to risks of harm to human health or the environment. We issue operating licences so applicants can lawfully undertake prescribed operating activities. Section 45 of the Act provides that a person must not engage in a prescribed operating activity except as authorised by an operating licence in respect of that activity.

When we issue operating licences

EPA can issue an operating licence under section 74(1) of the Act. When issuing an operating licence, EPA takes into account a number of factors, including the measures an applicant has taken or proposes to take in order to comply with the Act when engaging in the prescribed permission activity.

EPA can amend, suspend or revoke a licence for a range of reasons. This can include in response to changes in activities, risks or licence holder performance. All operating licence details are publicly accessible via the EPA Public Register.

Key information and obligations

Interpretation

For the purposes of this operating licence "You" means the "licence holder" identified on the first page. Unless a contrary intention appears, words or terms used in the conditions of your licence have the same meaning as in the Act, and in any regulations made pursuant to the Act.

Compliance

Your licence is subject to conditions. These conditions confer legal 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 requirements of these conditions do not detract from each other in any way, nor do they affect any other duties or obligations with which you are required to comply by law. You must fulfil all duties and perform all obligations set out in this licence or otherwise required by law.

Strict penalties apply for non-compliance with any part of your .

You must comply with the Act and regulations administered by EPA. This includes, but is not limited to, compliance with the general environmental duty (GED).

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Duties under the Act

Under the Act, you have legal obligations in relation to your prescribed and non-prescribed activities. These legal obligations exist to minimise risks of harm to human health and the environment from pollution and waste.

You may be committing an offence and be liable to a penalty under the Act if your actions or omissions constitute a breach of these legal obligations.

General environmental duty

The Act places the onus on you to understand the risks associated with your operation or activity and requires you to minimise the risk of harm. This is called the general environmental duty (GED).

Sections 6 and 25 of the Act provide the legal basis for the GED. These sections state that a person engaging in an activity which may give rise to risks of harm to human health or the environment from pollution or waste must eliminate or minimise those risks, as far as reasonably practicable.

Duty to notify EPA of notifiable incidents

A notifiable incident is a pollution incident that causes or threatens to cause material harm to human health or the environment or is a prescribed notifiable incident. Under section 32 of the Act, you have an obligation to notify EPA of a notifiable incident as soon as practicable after you become aware of the incident.

Duty to take action to respond to harm caused by pollution incident

Under section 31 of the Act, if a pollution incident has occurred as a result of an activity (whether by act or omission) and the pollution incident causes or is likely to cause harm to human health or the environment, a person who is engaging in that activity must, so far as reasonably practicable, restore the affected area to the state it was in before the pollution incident occurred.

Duty to notify of contaminated land

Under section 40(1) of the Act, a person in management or control of land must notify EPA if the land has been contaminated by notifiable contamination as soon as practicable after the person becomes aware of the notifiable contamination.

Notifiable contamination means contamination which is prescribed in the Regulations, or contamination for which the cost of action to remediate the land is likely to exceed \$50,000, or any other prescribed amount.

Duties relating to industrial waste, priority wastes and reportable priority wastes

Under parts 6.4 and 6.5 of the Act, a person has obligations in relation to the generation, receiving, recording, managing, transporting, and disposal of industrial, priority wastes and reportable priority wastes. These duties include:

- Duties of persons depositing industrial waste.

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- Duties of persons receiving industrial waste.
- Duty of persons involved in transporting industrial waste.
- Duties of persons managing priority waste.
- Duty to investigate alternatives to waste disposal.
- Duty to notify of transaction in reportable priority waste.
- Duty of persons transporting reportable priority waste.

For further information on waste classifications see schedule 5 of the Regulations.

Further information and resources

To aid compliance with the Act and the Regulations, Environment Reference Standards (ERS), Compliance Codes, Position Statements and Guidelines have been developed to address a range of environmental objectives, permitted and non-permitted activities and risks.

You should understand how the Victorian environment protection framework applies to you and your activity, operation or business by making yourself familiar with the Act, Regulations, Compliance Codes and other relevant guidance material.

To assist you with understanding your obligations refer to www.epa.vic.gov.au.

Amendment

You can apply at any time to EPA for an amendment to your licence under section 57 of the Act. EPA may also decide to amend a licence under its own initiative according to section 58 of the Act.

Transfer

A person may apply to EPA for the transfer of this licence to a new licence holder pursuant to section 56 of the Act.

Duration of licence

This operating licence is subject to the expiry date identified on the first page. It will remain in force until that time unless it is first surrendered by the licence holder (with consent from EPA), or it is suspended or revoked by EPA.

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Operating licence structure

Your operating licence has multiple parts:

- Conditions
- Appendix 1 – locality plan
- Appendix 2 – activity plan
- Appendix 3 – contour plan
- Appendix 4 – waste acceptance table
- Appendix 5 – air discharge table
- Appendix 6 – water discharge table
- Appendix 7 – landfill cell table

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Conditions

General conditions

OL_G01	<p>A copy of this licence must be kept at the activity site and be easily accessible to persons who are engaging in an activity conducted at the activity site. Information regarding the requirements of the licence and the Act duties must be included in site induction and training information.</p>
OL_G02	<p>You must immediately notify the Authority by calling 1300 EPA VIC (1300 372 842) in the event of:</p> <ul style="list-style-type: none">a) A discharge, emission or deposit which gives rise to, or may give rise to, actual or potential harm to human health or the environment;b) A malfunction, breakdown or failure of risk control measures at the activity site which could reasonably be expected to give rise to actual or potential harm to human health or the environment; orc) Any breach of the licence.
OL_G03	<p>You must notify the Authority within 48 hours of the occurrence of any the following:</p> <ul style="list-style-type: none">(a) Any change to your name or address (including your registered address and activity site as applicable);(b) You become, or are likely to become, an insolvent under administration;(c) You become, or are likely to become, an externally administered company under the Corporations Act; or(d) A change to an officer (as defined in the Act). <p>You must update your information in the EPA Interaction Portal if any other relevant administrative details for your business change.</p>
OL_G04a	<p>You must provide to the Authority with a Permission Information and Performance Statement (PIPS) in the form determined by the Authority within 2 months of receiving notification in writing from the Authority. The PIPS may be released to the public (in whole or in part).</p>
OL_G04b	<p>Information and monitoring records used for the preparation of, inclusion in, or support of, any reporting or notification that is required of you by the Authority (including data reporting, performance reporting, documents evidencing any risk and monitoring program) must be:</p> <ul style="list-style-type: none">a) retained for five years; andb) made available to the Authority on request.
OL_G05	<p>1. You must develop a risk management and monitoring program for your activities which:</p> <ul style="list-style-type: none">(a) identifies all the risks of harm to human health and the environment which may arise from the activities you are engaging in at your activity site;(b) clearly defines your environmental performance objectives;(c) clearly defines your risk control performance objectives;(d) describes how the environmental and risk control performance objectives are being achieved;

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- (e) identifies and describes how you will continue to eliminate or minimise the risks in 1(a) (above) so far as reasonably practicable (SFARP); and
 - (f) describes how the information collated in compliance with this clause, is or will be disseminated, used or otherwise considered by you or any other entity.
2. The risk management and monitoring program must be:
- (a) documented in writing;
 - (b) signed by a duly authorised officer of the licensed entity; and
 - (c) made available to the Authority on request.
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Standard conditions

	The risk management and monitoring program referenced in condition OL_G5 must be in accordance with Section A of the Landfill Licensing Guidelines (EPA Publication 1323). The risk management and monitoring program must be verified by a person who has been appointed as an environmental auditor under the Environment Protection Act 2017 and it must:
OL_L01	<ul style="list-style-type: none">a) 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;b) contain trigger levels and contingency actions to prevent further pollution if trigger levels are exceeded; andc) specify the frequency for completing environmental audits of the landfill operation.
OL_L02	You must engage a person who has been appointed as an environmental auditor under the Environment Protection Act 2017 to conduct environmental audits of the nature and extent of the risk of harm to human health or the environment arising from landfill operation under Section 208 of the Act at the frequency specified in the monitoring program.
OL_L03	You must ensure that surface water is segregated from active landfill cells.
OL_L04	Waters contaminated by leachate must not be discharged beyond the boundaries of the site.
OL_L04.05	You must review and update the hydrogeological assessment for the activity site every 5 years after 13 March 2020 and provide to EPA.
OL_L05	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).
OL_L06	All waste in the cell(s) listed in Appendix 7, apart from at the active tipping face must be covered at all times.

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OL_L07	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; c) using alternative cover approved by the Authority in writing.
OL_L08	You must: a) limit the area of the tipping face of each cell to 900 square metres; 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).
OL_L09	You must ensure all of the following: a) Waste that is accepted for disposal at the activity site is only placed into cell(s) listed in Appendix 7; and b) Waste for disposal is not placed outside of the perimeter of any cell(s) listed in Appendix 7.
OL_L10	You must ensure that waste that has been previously deposited is not recovered and reprocessed except in accordance with written approval from EPA.
OL_L11	You must ensure that waste is not stockpiled at the activity site prior to deposit in a cell except in accordance with written approval from EPA.
OL_L12	You must ensure that an independent annual survey is conducted by a licensed surveyor, or other method approved by the Authority in writing, by the end of June each year for each landfill cell at the activity site and submitted to the Authority with your permission information and 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.
OL_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) or otherwise as approved by the Authority 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 Appendix 3.
OL_L14	A weighbridge must be used at the landfill to measure and record: a) the weight of waste received at the site; and b) the weight of waste that is removed from the site.
OL_L15	You must take measures to prevent hotspots in the waste mass at the landfill site.
OL_L16	You must report hotspots within the waste mass to the Authority within 24 hours of detection, and provide a follow-up action plan within 7 days detailing how the

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	hotspot will be cooled, including monitoring, actions completed and to be taken, along with the proposed timeframes.
OL_L17	You must manage hotspots within the waste mass in accordance with the Landfill Licensing Guidelines (EPA Publication 1323).
OL_L18	<p>You must:</p> <ul style="list-style-type: none">a) notify the Authority of your intention to commence construction of a new landfill cell at the activity site by written notice in accordance with Appendix 7 of the Landfill Licensing Guidelines (EPA Publication 1323); andb) not start constructing a new cell without written approval from the Authority.
OL_L19	<p>Prior to commencing construction of a new landfill cell you must submit the following material to the Authority so that it may consider whether or not to grant approval for the construction of the new cell:</p> <ul style="list-style-type: none">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);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 2017 in accordance with Appendix 14 of the Landfill Licensing Guidelines (EPA Publication 1323); andc) a completed and signed auditor declaration in the format shown in Appendix 15 of the Landfill Licensing Guidelines (EPA Publication 1323).
OL_L20	<p>Upon approval by the Authority to construct each new landfill cell, you must engage a person who has been appointed as an environmental auditor under the Environment Protection Act 2017 to conduct an environmental audit and submit an environmental audit statement and environmental audit report to the Authority. The environmental audit report must:</p> <ul style="list-style-type: none">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; andc) be prepared in accordance with Section 212 of the Environment Protection Act 2017.
OL_L21	You must not commence filling of any new landfill cell with waste without the written approval of EPA.
OL_L22	<p>You must implement a rehabilitation plan for the landfill. The plan must:</p> <ul style="list-style-type: none">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);

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	<p>c) set timeframes for placement of final capping of all completed cells, calculated from the date that the cell became full; and</p> <p>d) set timeframes for the progressive capture and treatment of landfill gas and leachate from each completed cell.</p>
OL_L23	<p>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 the Authority in writing.</p>
OL_L24	<p>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 the Authority in writing.</p>
OL_L25	<p>Prior to commencing construction of each new section of landfill cap you must submit the following to the Authority for approval:</p> <p>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);</p> <p>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 2017 in accordance with Appendix 14 of the Landfill Licensing Guidelines (EPA Publication 1323); and</p> <p>c) a completed and signed auditor declaration in the format shown in Appendix 15 of the Landfill Licensing Guidelines (EPA Publication 1323).</p>
OL_L26	<p>Upon approval by the Authority to construct each new landfill cap you must engage a person who has been appointed as an environmental auditor under the Environment Protection Act 2017 to conduct and submit an environmental audit report to the Authority. The environmental audit report must:</p> <p>a) verify that the construction of the cap is in accordance with EPA approved designs;</p> <p>b) assess any potential risks associated with the construction; and</p> <p>c) be prepared in accordance with Section 212 of the Environment Protection Act 2017.</p>
OL_L27	<p>You must complete final capping of Cell 1 within 2 years of the date that cell became full, in compliance with the approved rehabilitation plan.</p>
OL_L28	<p>You must provide the Authority with at least 6 month's notice of your intention to cease accepting waste at the activity site.</p>
OL_WA01	<p>You must ensure all of the following:</p> <p>a) Only waste of a type shown in Appendix 4 of this licence is accepted at the activity site; and</p>

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	b) If it is identified that any waste has been received at the activity site that is of a type not shown in Appendix 4 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 the Authority to receive such waste within 21 days of the date it was received.
OL_WA02	Wastes accepted at the activity site may only be treated or disposed of in accordance with Appendix 4.
OL_WM14	All plant and equipment must be maintained and operated in proper working condition, in accordance with the manufacturer's specifications.

Specific conditions

OL_A01.01	<p>You must implement odour source controls that accord with the requirements of Section 6.7.3 of the Best Practice Environmental Management, Siting, Design, Operation and Rehabilitation of Landfills (EPA Publication 788) including, but not limited to:</p> <ul style="list-style-type: none">a) managing landfill gas odour;b) ensuring waste is covered appropriately and on time; andc) managing and treating leachate, where required, to prevent offensive odours off-site.
OL_G06.02	<p>You must:</p> <ul style="list-style-type: none">(a) provide the Authority with a financial assurance in a form and for an amount determined by the Authority, by a date specified by the Authority; and(b) maintain such financial assurance (including any part of such assurance) so that it can be claimed on, utilised or realised by the Authority as and when required.
OL_L04.01	You must extract leachate from cells 1 such that the depth of leachate above the lowest point of the drainage layer does not exceed 300mm.
OL_L14.01	A weighbridge must be used at the activity site to measure and record the weight of all loads of waste moved between prescribed permissioned activities at the activity site, including the weight of all loads of waste moved to the A05a (landfills – excluding municipal landfills servicing <5000 people)' as depicted in 'Appendix 2 – activity plan.
OL_L29	You must submit a waste mass balance report at the same time that you submit each waste levy statement required under section 150 of the Environment Protection Act 2017. The waste mass balance report must be completed in accordance with the Waste Mass Balance Guideline (EPA Publication 2040), as amended from time to time.

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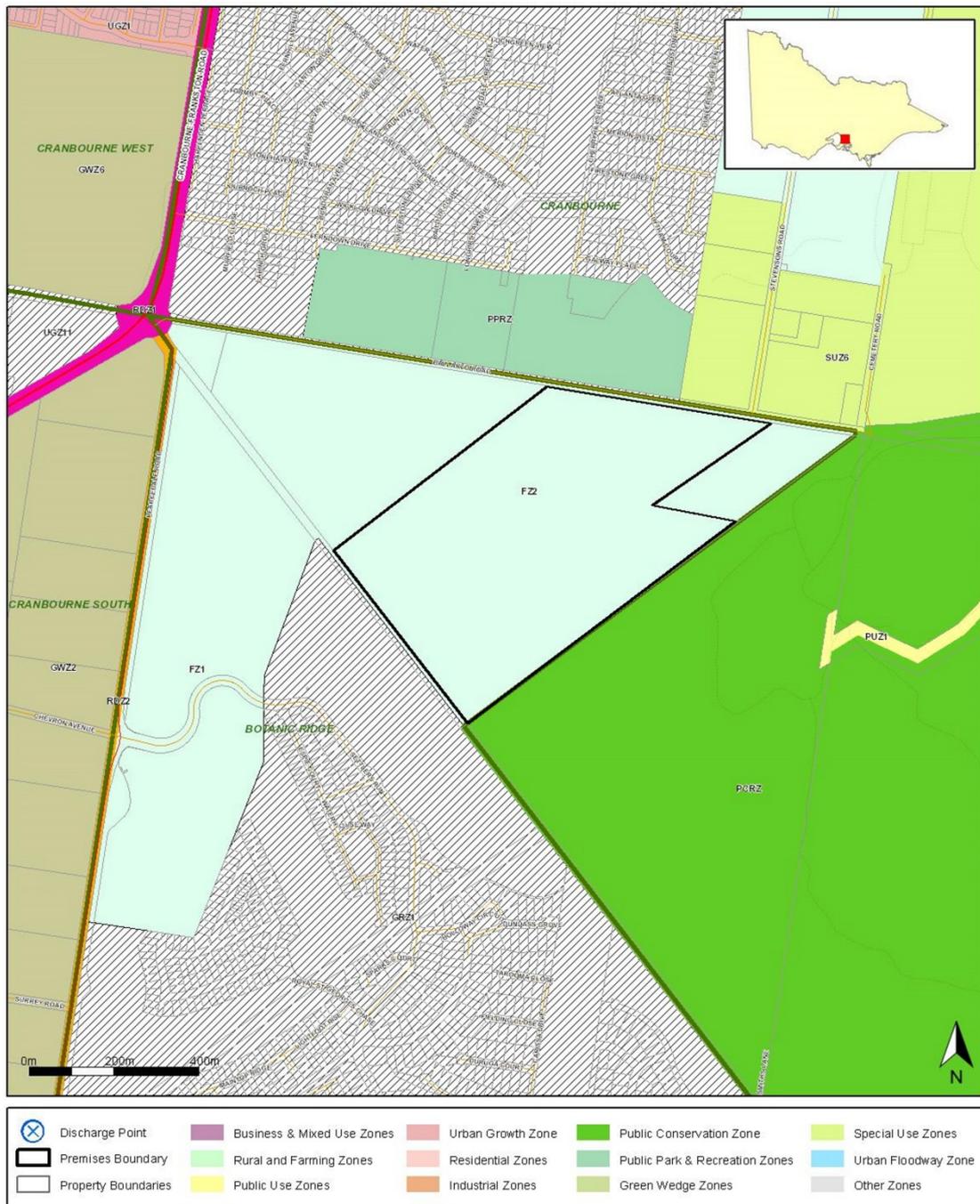
OL_WA01.01	You must not accept hexachlorobenzene, polychlorinated biphenyls (PCBs), organochlorine pesticides and germicides and other chlorinated hydrocarbons, unless otherwise specified in Appendix 4 of this licence.
OL_WM03.01	You must implement litter controls that accord with the requirements of Section 7.8 of the Best Practice Environmental Management, Siting, Design, Operation and Rehabilitation of Landfills (EPA Publication 788), including, but not limited to: a) minimising the size of the tipping area; b) controlling litter at the active tipping area; c) establishing a program of frequent cleaning of litter from fences and the surrounding area; and d) establishing contingency plans to deal with extreme events that cause gross litter problems.
OL_WM04	You must ensure that waste does not burn at the activity site.

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Appendices

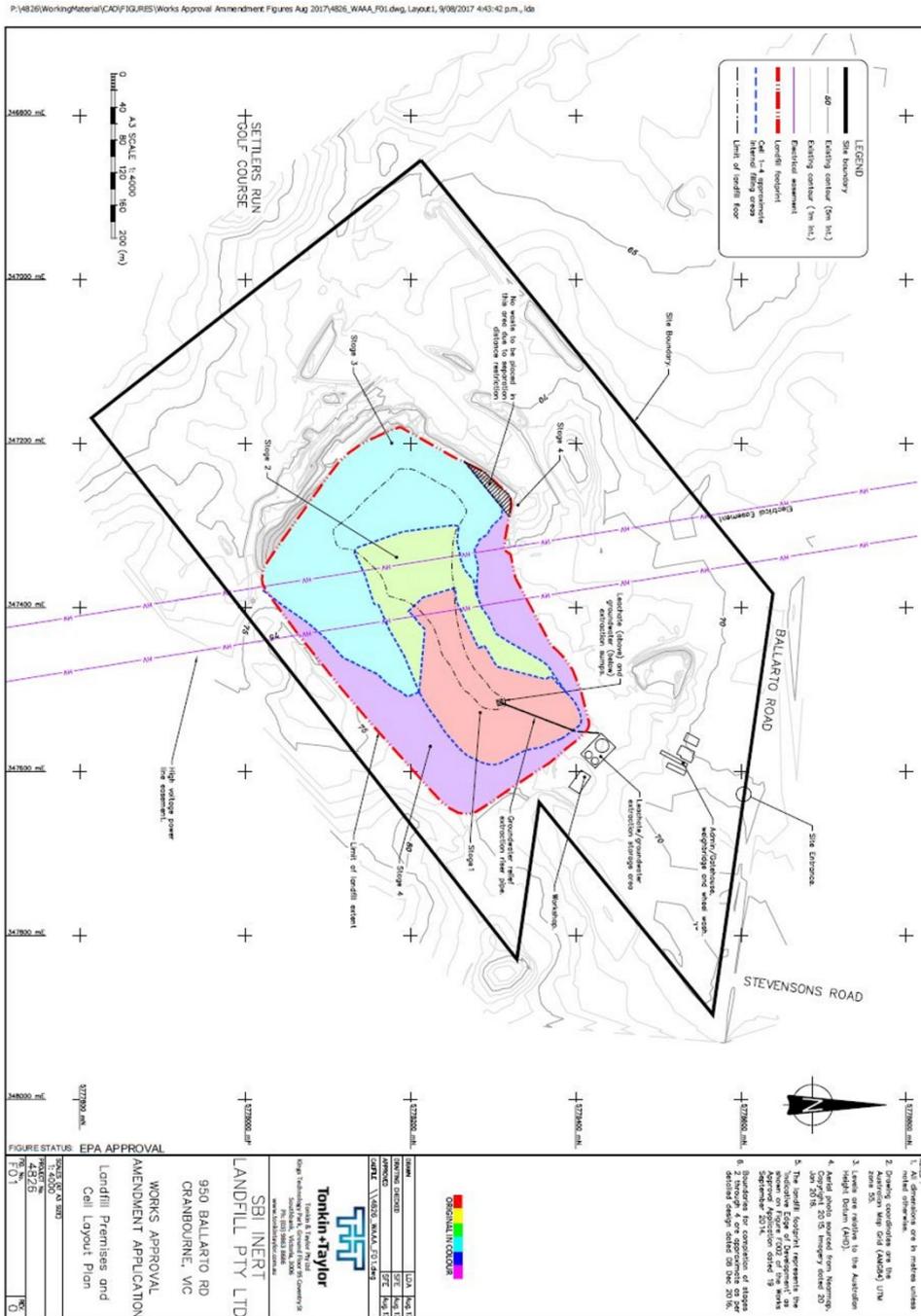
Appendix 1 – locality plan



Before relying on the information in this map, carefully evaluate its accuracy, currency, completeness and relevance. Obtain appropriate professional advice before using this information.

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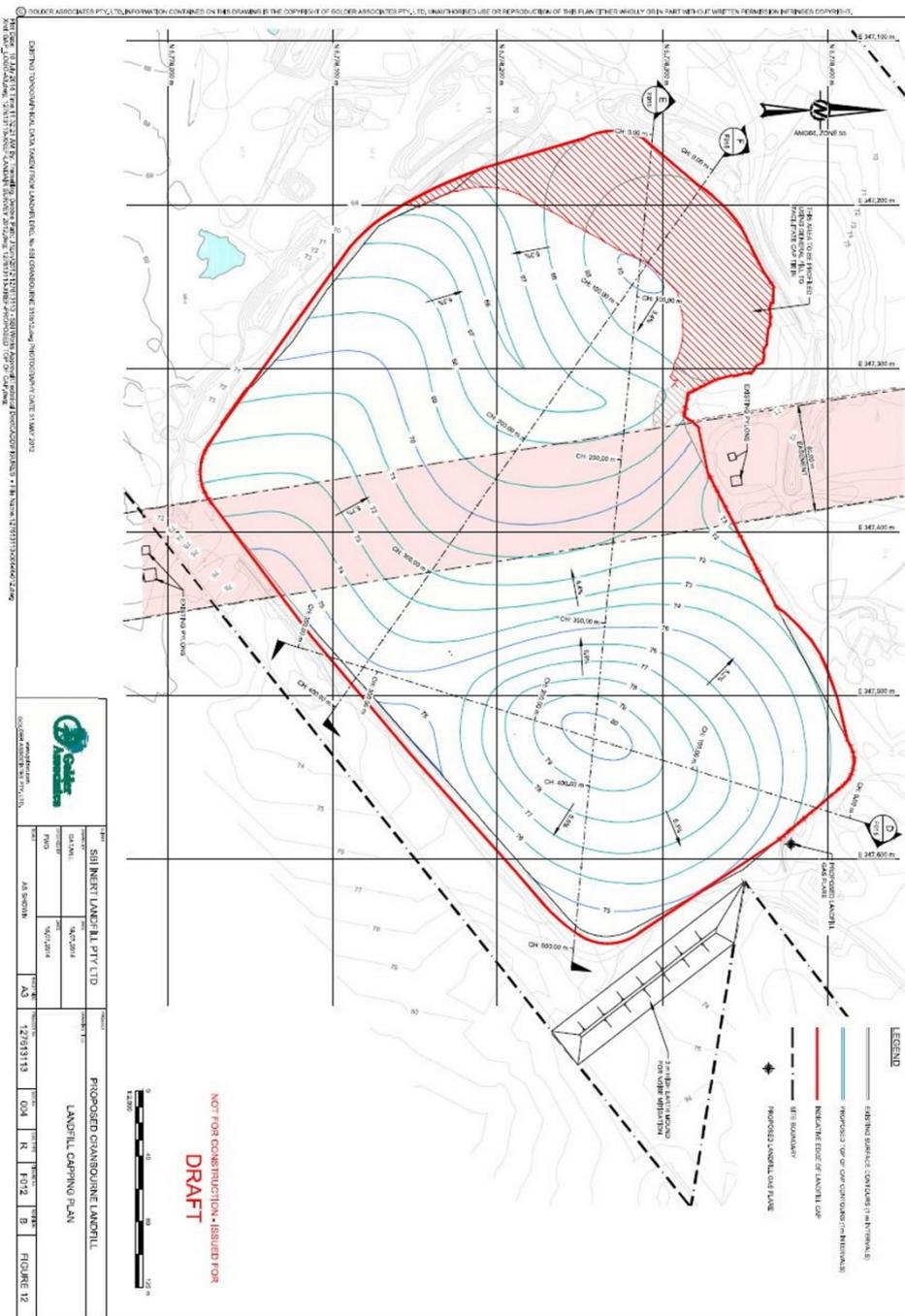
Appendix 2 – activity plan



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Appendix 3 – contour plan



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Appendix 4 - waste acceptance table

Waste Code	Waste Description	Treatment Code	Treatment Description
W_2	Industrial Waste (Construction and Demolition) - Waste from construction, demolition and other sources which is solid inert waste	D22	Landfill disposal
X200	Leather and rubber, other than tyres	D22	Landfill disposal
Y100	Concrete	D10	Incineration on land
		D22	Landfill disposal
Y110	Bricks	D22	Landfill disposal
Y120	Rubble (including foundry sands without hazardous substances)	D22	Landfill disposal
Y130	Plaster board and cement sheeting	D22	Landfill disposal
Z100	Glass	D22	Landfill disposal
Z300	Steel	D22	Landfill disposal
Z310	Aluminium	D22	Landfill disposal

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Z320	Non-ferrous metals, other than Aluminium	D22	Landfill disposal
Z400	Cardboard	D22	Landfill disposal
Z500	Plastics, PIC #1 through #7	D22	Landfill disposal

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Appendix 5 – air discharge table

There are no air discharge points for this licence.

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Appendix 6 –water discharge table

There are no water discharge points for this licence.

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Appendix 7 – landfill cells

Cell ID	Waste Code	Description	Hazard Code
CELL 1	W_2	Industrial Waste (Construction and Demolition) - Waste from construction, demolition and other sources which is solid inert waste	
CELL 1	X200	Leather and rubber, other than tyres	
CELL 1	Y100	Concrete	
CELL 1	Y110	Bricks	
CELL 1	Y120	Rubble (including foundry sands without hazardous substances)	
CELL 1	Y130	Plaster board and cement sheeting	
CELL 1	Z100	Glass	
CELL 1	Z300	Steel	
CELL 1	Z310	Aluminium	
CELL 1	Z320	Non-ferrous metals, other than Aluminium	
CELL 1	Z400	Cardboard	
CELL 1	Z500	Plastics, PIC #1 through #7	