



Amendment Notice 1

Licence Number L7026/1997/14

Licence Holder Shire of Plantagenet

File Number: DER2016/000376

Premises

Mount Barker Waste Management Facility
O' Neill Road
Shire of Plantagenet
MOUNT BARKER WA 6330

Legal description –
Lot 7546 on Plan 186612

Date of Amendment 11 May 2018

Amendment

The Chief Executive Officer (CEO) of the Department of Water and Environmental Regulation (DWER) has amended the above Licence in accordance with section 59 of the *Environmental Protection Act 1986* (EP Act) as set out in this Amendment Notice. This Amendment Notice constitutes written notice of the amendment in accordance with section 59B(9) of the EP Act.

Date signed: 11 May 2018

Steve Checker

MANAGER LICENSING (WASTE INDUSTRIES)

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Definitions and interpretation

Definitions

In this Amendment Notice, the terms in Table 1 have the meanings defined.

Table 1: Definitions

Term	Definition
Applicant	means the Shire of Plantagenet.
Application/ Application Supporting Documentation	refers to the submitted documents, as listed within Appendix 1 of the Amendment Notice.
ANZECC & ARMCANZ, 2000/ Fresh water and Wetlands guidance	means the <i>Australian and New Zealand Guidelines for Fresh and Marine Water Quality, National Water Quality Management Strategy, 2000</i> . Australian and New Zealand Environment and Conservation Council (ANZECC) and Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ), Canberra, ACT.
Category/ Categories/ Cat.	categories of Prescribed Premises as set out in Schedule 1 of the EP Regulations.
CS Act	means the <i>Contaminated Sites Act 2003 (WA)</i> .
DBCA	means the Department of Biodiversity Conservation and Attractions.
Delegated Officer	an officer under section 20 of the EP Act.
DWER	Department of Water and Environmental Regulation.
EP Act	means the <i>Environmental Protection Act 1986 (WA)</i> .
EPA Guidance	means the <i>Guidance for the Assessment of Environmental Factors (in accordance with the Environmental Protection Act 1986), Separation Distances between Industrial and Sensitive Land uses, No. 3 June 2005 (WA)</i> .
EP Regulations	means the <i>Environmental Protection Regulations 1987 (WA)</i> .
HDPE	means High Density Polyethylene
Licence Holder	means the Shire of Plantagenet.
Primary Activities/ Primary Activity Area	as defined on the front page of the active Licence.

Amendment Notice

This amendment is made pursuant to section 59 of the *Environmental Protection Act 1986* (EP Act) to amend the Licence issued under the EP Act for a prescribed premises as set out below. This notice of amendment is given under section 59B(9) of the EP Act.

This amendment notice amalgamates two amendment applications received by DWER on 31/3/2017 and 14/12/2017 (CEO1067/17 & CEO3075/17) which includes an amendment to the following aspects of the active Licence:

1. Category 61 – Liquid waste facility for an increase in throughput capacity from 320 tonnes to 1,000 tonnes per annual period. The change is as a result of completed works under Works Approval W4729/2010/1. The upgrades were commissioned in September 2013. The applicant had subsequently not applied to amend the Licence to reflect the increase in capacity until 31/3/2017, following a DWER inspection that was undertaken at the premises 9 February 2017.
2. Category 64 – Class II unlined landfill for the increase in throughput capacity from 5,000 tonnes to 10,000 tonnes per annual period. The change is requested as a result of improved recording and reporting of waste volumes at the prescribed premises by the Shire of Plantagenet (Shire).

No other changes to any other aspects of the original licence have been included.

The following guidance statements have informed the decision made on this amendment:

- *Guidance Statement: Regulatory Principles* (July 2015)
- *Guidance Statement: Setting Conditions* (October 2015)
- *Guidance Statement: Land Use Planning* (February 2017)
- *Guidance Statement: Decision Making* (February 2017)
- *Guidance Statement: Risk Assessment* (February 2017)
- *Guidance Statement: Environmental Siting* (November 2016)

Amendment description

The following describes the two separate amendment applications, as received from the Shire:

1. Amendment application 31/3/2017 – CEO1067/17

A Licence amendment application was received by DWER via email from the Shire on 31 March 2017, for Mount Barker Waste Management Facility, O' Neill Road, Mount Barker (Lot 7546 on Plan 186612).

The Shire has requested that the design capacity for the liquid waste facility be increased to 1,000 kL/ tonnes, in accordance with Works Approval W4729/2010/1 which expired on 16/10/2015.

The amendment was requested as a result of the completion of construction of the evaporation pond which was the final stage of the three stage facility upgrade of the liquid waste disposal system at the premises.

The Licence Amendment Application received on 31 March 2017 (See Appendix 1) confirmed that the Shire had completed the construction of the following aspects relating to the works, in February 2014:

- Construction of the new plastic lined liquid waste receival pond;
- Decommissioning and dehydration of the old receival pond to enable removal of sludge material from the redundant clay lined liquid waste pond; and

- Construction of a new liquid waste evaporation pond, designed to receive liquid waste flow from the new receival pond (design capacity of 1,000 m³). The two ponds are interconnected with 225 mm diameter pipework to allow overflow from the receival pond into the evaporation pond, which has a design capacity of 820 m³.

The initial partial compliance report was received by DWER on 29/08/2013 for the construction of the new Liquid Waste Receival Pond only. A final compliance report was still required for the construction of the sludge storage area, decommissioning and reconstruction of the existing pond into an evaporation pond with interconnecting pipework (DWER records A668492).

A further compliance letter was received by DWER on 9 February 2015, from Mr Robert Stewart, Shire CEO, associated with the removal of sludge from the old clay lined waste receival pond (DWER records A863226).

The active Licence (as amended 25 July 2016) will require changes to the following sections to address the proposed amendment requirements:

- Front page: Increase to Category 61 approved premises production or design capacity; and
- Condition 1.2.2, Table 1.2.1, Quantity limit; and
- Condition 1.2.6, Table 1.2.4, 'Containment infrastructure'; and
- Schedule 1: Maps – Map of storage locations.

2. Amendment application 14/12/2017 – CEO3075/17

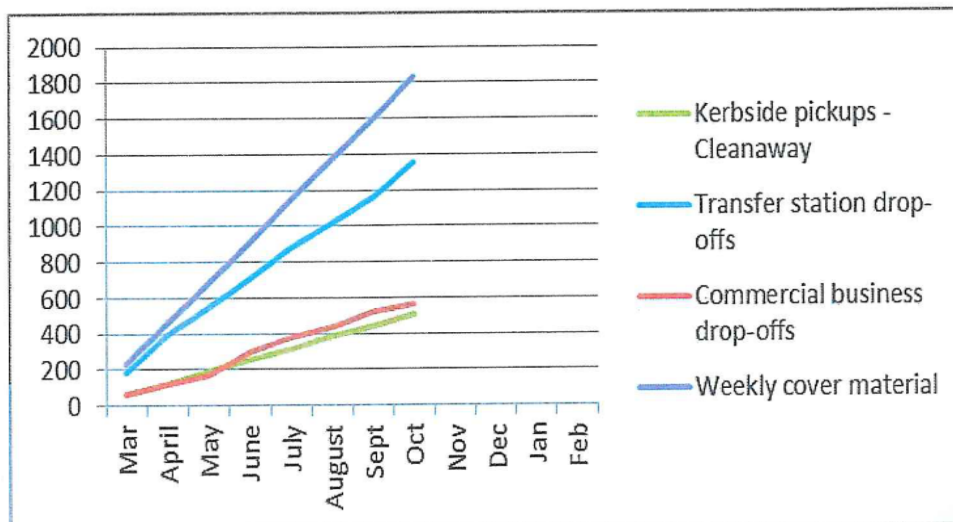
A Licence amendment application was received by DWER via email from the Shire on 14 December 2017, for Mount Barker Waste Management Facility, O' Neill Road, Mount Barker (Lot 7546 on Plan 186612).

The Shire is seeking to increase their throughput capacity for the Category 64 - Class II unlined landfill from 5,000 to 10,000 tonnes per annual period. This amendment is as a result of the Shire reviewing their throughput data and undertaking future projections for the facility, as well as improving their recording and reporting capacity for the landfill. The Shire is expecting to bury 6,000 tonnes of waste at the facility during the 2017/ 2018 reporting period. Currently the prescribed premises is almost at full throughput capacity (4,958 tonnes) under the Licence L7026/1997/12, and therefore an increase is required to address historical recording inaccuracy and future projected usage at the facility.

The Shire considers that the increase in capacity is not as a result of increased usage or population growth but rather as a result of improved recording and reporting accuracy of waste figures for the facility which has resulted in a need to adjust the throughput capacity to more accurately reflect the actual operation of the premises.

The Premises has been operating as a landfill since the late 1960's and includes an area of approximately 76 hectares. Table 2 below outlines the projected volume anticipated by the Shire for the 2017/ 2018 reporting period.

Table 2: Shire of Plantagenet – Landfill projections



The prescribed premises is located within an area zoned 'conservation; fauna and protection of flora' managed by DBCA. The landfill adjoins farmland to the West (zoned 'special sites') and South (zoned 'rural').

The primary activity area (active landfill cell) is approx. 337 m north-west of the 'Sleeman Creek' (major river) which is runs through the southern half of the premises.

The active Licence will require changes to the following sections to address the amendment requested:

- Front page: Increase to Category 64 approved premises production or design capacity; and
- Condition 1.2.3, Table 1.2.2, Quantity limit.

Table 3 below outlines the proposed changes to the Licence related to the category design and throughput capacity.

Table 3: Proposed design or throughput capacity changes

Category	Current design/throughput capacity	Proposed design/throughput capacity	Description of proposed amendment
61	320 kL/ tonnes	1,000 kL/ tonnes	Increase to design capacity of liquid waste facility. The amendment is as a result of a completed upgrade undertaken at the premises in accordance with Works Approval W4729/2010/1.
64	5,000 tonnes	10,000 tonnes per annual period	The Shire has identified that the premises has been operating at a higher throughput capacity as a result of improved recording and reporting. No changes to the premises operation, design or activities has occurred. The increase in throughput is considered by the Shire not as a result of increase in usage or population but as a result of improved administration by the Shire on the input volumes being recorded.

Amendment history

Table 4 provides the recent amendment history for L7026/1997/14.

Table 2: Recent Works approval and Licence amendments

Instrument	Issued	Amendment
W4729/2010/1	14/10/2010	Works Approval issued for Category 61 – liquid waste facility.
W4729/2010/1	10/10/2013	Works approval amendment for Category 61 - liquid waste facility.
L7026/1997/14	25/07/2016	Licence amendment to reflect current activities.
L7026/1997/14	11/05/2018	Amendment Notice 1 – Increase of Category 61 Liquid waste facility design capacity and Category 64 Class II unlined landfill throughput capacity.

Location and receptors

Table 5 below lists the relevant sensitive land uses in the vicinity of the Prescribed Premises which may be receptors relevant to the proposed amendment.

Table 3: Receptors and distance from activity boundary

Residential and sensitive premises	Distance from Prescribed Premises
<i>Rural residential receptor</i>	<i>Approximately 1.7 km south east of the primary activity area.</i>

Table 6 below lists the relevant environmental receptors in the vicinity of the Prescribed Premises which may be receptors relevant to the proposed amendment.

Table 4: Environmental receptors and distance from activity boundary

Environmental receptors	Distance from Prescribed Premises
<i>Groundwater</i>	<i>Approximately 8-9 mBGL in northern section of premises (Groundwater monitoring bore MW1), and at or just below ground level in the southern section of the premises (Groundwater monitoring bore MW3).</i>
<i>'Sleeman' Creek (Major River)</i>	<i>Approximately 337m south east of the primary activity area (active landfill area).</i>
<i>Un-named creek beds/ drainage lines</i>	<i>Various, located south and west of the primary activity area within the premises.</i>
<i>Environmental Protection (South West Agricultural Zone Wetlands) Policy 1998</i>	<i>Falls within EPP zoned area for inland waters.</i>
<i>Threatened and Priority Flora – Priority 3</i>	<i>Located approximately 857 m the east of the prescribed premises boundary.</i>

Risk assessment

Table 7 below describes the Risk Events associated with the amendment consistent with the *Guidance Statement: Risk Assessments*. Both tables identify whether the emissions present a material risk to public health or the environment, requiring regulatory controls.

Table 7: Risk assessment for proposed amendments during operation

Risk Event					Consequence rating	Likelihood rating	Risk	Reasoning	
Source/Activities	Potential emissions	Potential receptors	Potential pathway	Potential adverse impacts					
Cat 64 – Landfill (Class II unlined)	Receipt, handling, storage and burial of waste	Dust: generated from vehicle operation	Residential receptor (approx. 1.7 km South East of the primary activity area) Local native vegetation and fauna	Air/ Wind	Health and amenity impacts	Minor	Unlikely	Medium	The premises is located within a rural, low population density area adjoining farmland and within conservation area.
		Leachates: generated from burial of putrescible wastes	Groundwater with beneficial use (Approx. 8-9 mBGL) Surface water sources (approx. 335 m South East of the primary activity area) Land (Soil nitrification)	Seepage of leachate through porous soil profile	Adverse impacts to the health of flora, groundwater dependent ecosystems & fauna/ livestock on groundwater surface water resources. Nutrient enrichment of soil profile causing adverse impacts to stock.	Moderate	Likely	High	The premises is an unlined landfill. The activity occurs within approximately 337 m of a surface water sources. Soil type within the area is considered to be predominantly 'sand' within the primary activity area with deposits of 'clay, silt, sand' towards the southern and western sections of the primary activity area. Laterite deposits occur in the south western corner of the prescribed premises. Groundwater is used for livestock watering. Surface water occurs at or just below ground level in the southern half of the premises. Groundwater monitoring reflects trigger value exceedences with numerous monitoring parameters, as assessed against ANZECC & ARM CANZ, 2000.

									<p><i>Premises is registered under the (Site Id 65244) Contaminated Sites Act 2003 – possibly contaminated, investigation required.</i></p> <p><i>The proponent's consultant has identified that heavy metal concentrations are increasing in both ground and surface waters in the vicinity of the premises.</i></p>
		<p>Odour/ gases: <i>associated predominantly with putrescible waste disposal</i></p>	<p><i>Residential receptor (approx. 1.7 km South East of the primary activity area)</i></p>	<p><i>Air/Wind Percolation through soil profile</i></p>	<p><i>Health and amenity impacts</i></p>	<p><i>Slight</i></p>	<p><i>Rare</i></p>	<p><i>Low</i></p>	<p><i>No potential receptor present at or adjacent to the emission source (primary activity area). Adequate buffer to sensitive receptor as defined by EPA guidance. Shire has identified that fill is approximately 40% clean fill.</i></p>

Decision

1. Amendment application 31 March 2017

The Delegated Officer considers that the improvements undertaken as part of the upgrade to the premises, as completed under Works Approval (W4729/2010/1) are expected to mitigate any issues of seepage or discharge to the environment from the liquid waste facility. As the risk of odour has been determined as 'low', the Delegated Officer considers that the risk of odour can be sufficiently regulated under section 49 of the *Environmental Protection Act 1986*.

The Delegated Officer has determined that the amendment application received on 31 March 2017 is considered a minor amendment process as it has been undertaken in accordance with Works Approval W4729/2010/1. The proposed amendment has been adequately risk assessed through the Works Approval process and is not considered to pose a significant risk to the environment or human health. No additional risk assessment will be undertaken as part of this amendment notice for the change to throughput capacity under Category 61 of the active Licence.

The Delegated Officer notes that the applied volume increase, as submitted within the application, reflects an error in calculation which should reflect 1000 kL or tonnes instead of 1,000 tonnes. The applicant was contacted to discuss this anomaly which has been adjusted accordingly to the higher volume. The Delegated Officer has approved additional administrative changes within the amended Licence to reflect the detail of the design of the liquid waste ponds. This has been captured as an administrative change within Table 1.2.4 of the existing Licence.

The Delegated Officer has therefore granted the proposed amendment under Category 61 – Liquid waste facility (design capacity increase) to the active Licence. The design capacity of the liquid waste facility will be set as 1,000 kL/ m³ or tonnes per annual period.

2. Amendment application 14 December 2017

The *Guidance Statement: Decision Making* defines Major Amendments as an amendment which may adversely affect the risk of the premises and may include:

- Re-describing the boundaries of area of the premises where those changes are likely to have a significant effect on risk;
- Adding a discharge or emission point;
- Increasing the design capacity, throughput, emissions, or range or quantities of waste permitted; or
- Adding a prescribed activity.

The Delegated Officer has determined that the increase in throughput to the Category 64 – Class II (unlined) landfill may significantly increase the risk presented by the premises operation as it has not been adequately risk assessed, and considers this proposed amendment as a major amendment to the active Licence.

The Delegated Officer has determined that the increase in throughput to the Category 64 – Class II unlined landfill requires that a risk assessment be undertaken as part of this amendment process.

Although the Shire has determined that higher volumes have potentially already been received

to the premises historically, but incorrectly or inaccurately recorded by the applicant, DWER has not assessed the risk of the premises at this higher volume. An assessment of risk (dust, odour/ gases and leachates) against the proposed increase to the premises throughput capacity has been undertaken within this amendment notice for the activities associated with the landfill operation.

The applicant has confirmed that approximately 40% of the waste volume received to the prescribed premises is clean fill. The remaining waste types received to the premises are controlled and limited by existing conditions held within the active Licence L7026/1997/12 (as amended 25 July 2016, and subsequent amendment notices).

The Shire has been considering future options for landfill expansion and potential for securing a suitable alternative site.

The applicant undertook no consultation with any stakeholders as part of the proposed amendment process. As a result, DWER consulted with Department of Biodiversity Conservation and Attractions (correspondence sent 3 January 2018). No comments were received back from stakeholder engagement undertaken by DWER.

Assessment of the applicants' performance via DWER's Incidents and Complaints Management System (ICMS) identified the following:

- Four issues during 2013: non-compliance of 100 m separation distance, inadequate signage at gate entrance to the facility and windblown waste;
- Two issues during 2015: poor cover volume over buried waste, and administrative non-compliance to conditions of the Licence; and
- One issue during 2017: Unauthorised discharge from the liquid waste facility, issues relating to poor battery and tyre storage on site.

Review of the groundwater monitoring results by 'Great Southern Bio Logic' (consultants) on behalf of the Licence Holder, for the 2016 Annual Environmental Report submission received to DWER, identified that:

- Assessment of groundwater results against Fresh waters criteria in the 'Assessment and Management of Contaminated Stes (DER, 2014)', based on the guidelines in ANZECC & ARMCANZ (2000), is considered appropriate considering the proximity of the premises to seasonal creeks and low-lying depressions; and
- The criteria for 'South-West Australia – Wetlands' (ANZECC & ARMCANZ, 2000) are considered appropriate for nutrients and physiochemical parameters, as these are determined to most accurately reflect the characteristics of the premises.

Based on the above assumptions, the consultants determined that:

Groundwater -

- Heavy metal concentrations are increasing in both ground and surface waters which *"may be some leaching from the Waste Management Facility"*;
- Ammonia concentrations within the on-site retention dam (SW2) has shown *"significant increase"* as well as total nitrogen concentrations at the same location;
- The 'Fresh water' and 'Wetlands' criteria triggers were exceeded for electrical

conductivity, ammonia, copper and zinc;

- Groundwater pH is acidic (5.4-5.9) which is below recommended or background levels;

Surface water -

- Sampling (SW1-SW3) undertaken in 2016 identified that water entering the premises from the north eastern corner via a seasonal creek moves through the landfill drainage system. These waters are directed to the west of the premises and held within a catchment pond;
- Surface water sampling showed some exceedences in the monitoring parameters against trigger values for 'Fresh water' and 'Wetlands' guidance for ammonia potentially as a result of landfill activities, and total nitrogen and total phosphorus due to surrounding land uses rather than landfill activities.

Historical assessment of groundwater monitoring results, prior to 2016, undertaken by DEC identified that:

"concentrations of total nitrogen sporadically exceed both the ANZECC Southwest Australian Aquatic Ecosystems – Wetlands criteria and the Fresh Waters criteria in Assessment Criteria for Soil, Sediment and Water (DEC, 2003)"; and

"Concentrations of ammonia are elevated (compared to the Fresh Waters and Wetlands criterion of 0.04mg/l) in all samples except one during 2009 reporting period"; and

"Groundwater samples taken during 2008/2009 showed copper concentrations were below guidelines for Fresh Waters and Drinking Water. Manganese concentrations have also demonstrated a decreasing trend up until 2007 but began to increase in 2008. The long term trend for zinc concentration in groundwater is consistent in all bores with very low concentrations present".

The Delegated Officer has considered the application and relevant guidance, and has granted the amendment to increase the throughput capacity to 10,000 tonnes per annual period, with one additional condition to be added to the Licence. Based on the risk assessment undertaken by DWER, the Delegated Officer considers that an additional condition be included within the Licence to address potential impacts from leachate emissions at the premises. Leachates will continue to be released from the premises as a result of historical disposal practices and have the potential to impact groundwater and beneficial users into the future.

The additional control proposed for the management of leachates from the premises are considered appropriate and in accordance with section 50 of the *Environmental Protection Act 1986*, due to the landfill being unlined; surrounding soil type; depth to groundwater and proximity to surface water sources; potential impact to groundwater beneficial value and local users and the location of the landfill within a conservation area.

Licence Holder controls for the increase in throughput capacity are conditioned on the Licence to ensure that potential impacts to surrounding surface water and groundwater resources and associated ecosystems are adequately protected. Conditions currently on the Licence capture operational emissions relating to liquid waste containment, waste processing, cover requirements and groundwater monitoring. Condition 1.2.13 has been inserted to consider current and future potential impacts and management of leachates at the premises, through the development of a closure management plan (CMP). The CMP will require the Licence Holder to assess the potential risk from leachates to groundwater and surface water resources and for implementation of appropriate remedial works or upgrades at the premises to address

the risk of impact or pollution from the premises operation.

Licence Holder's comments

The Licence Holder was provided with the draft Amendment Notice on 26 March 2018. Comments received from the Licence Holder have been considered by the Delegated Officer as shown in Appendix 2.

Amendment

- The Licence is amended by the text shown in strikethrough and the insertion of red text shown in underline below:

Category number	Category description	Category production or design capacity	Approved Premises production or design capacity
61	Liquid waste facility: premises on which liquid waste produced on others premises (other than sewage waste) is stored, reprocessed, treated or irrigated.	100 tonnes or more per year	320 <u>1,000</u> tonnes per annual period
64	Class II or III putrescible landfill site: premises on which waste (as determined by reference to the waste type set out in the document entitled "Landfill Waste Classification and Waste Definitions 1996" published by the Chief Executive Officer and as amended from time to time) is accepted for burial.	20 tonnes or more per year	5 <u>10,000</u> tonnes per annual period

- The Licence is amended by the text shown in strikethrough and the insertion of red text shown in underline in Table 1.2.1 below:

Waste	Quantity Limit	Specification ¹
Animal effluent or residues (including abattoir effluent, poultry, and fish processing waste)	320 <u>1,000</u> tonnes per annual period	Tankered into the premises and discharged via the concrete chute into the liquid waste receival pond at the discharge point depicted in the map of storage locations in Schedule 1 and labelled L1.
Septage wastes (Sewage) – domestic wastes from apparatus for the treatment of sewage		
Waste from grease traps		
Vegetable and food processing liquid wastes		

- The Licence is amended by the text shown in strikethrough and the insertion of red text shown in underline in Table 1.2.2 below:

Waste	Quantity Limit	Specification
Clean Fill	5 <u>10,000</u> tonnes per annual period	None Specified
Putrescible Waste		None Specified

Inert Waste Type 1		None Specified
Inert Waste Type 2		Tyres and plastic only
Special Waste Type 1		Asbestos and asbestos cement products only. Must be wrapped in heavy duty plastic prior to acceptance
Hazardous Waste		Limited to waste oil, vehicle batteries and Drum Muster products
Contaminated Solid Waste		Must be supported by documentation that demonstrates compliance with the acceptance criteria for Class II landfills

4. The Licence is amended by the insertion of red text shown in underline in Table 1.2.4 below:

Table 1.2.4: Containment infrastructure		
Vessel or compound	Material	Requirements
Liquid Waste Reveal Pond	All liquid wastes defined in Table 1.3.1	<ul style="list-style-type: none"> • <u>Located in the north-west corner of the prescribed premises;</u> • <u>Size/ volume: 23.2 m x 7.2 m (approximately 451 m³, excluding freeboard);</u> • <u>Depth: 3.2 m (including 0.5 m freeboard);</u> • Lined with 1mm thick HDPE.
<u>Liquid waste evaporation pond</u>		<ul style="list-style-type: none"> • <u>Size/ volume: 29.2 m x 19.2 m (approximately 673 m³, excluding freeboard);</u> • <u>Depth: 1.7 m (including 0.5 m freeboard);</u> • <u>Lined with 1 mm thick HDPE;</u> • <u>Designed to receive liquid waste flow from the liquid waste reveal pond only, via an interconnected PVC 225 mm pipeline to allow overflow from the reveal pond into the evaporation pond;</u> • <u>Design capacity of 953 m³ (Including freeboard).</u>

5. The Licence is amended by the insertion of a new condition shown in the red text in underline below:

1.2.13 The Licence Holder must submit a Closure Management Plan for the Premises to the CEO by 1 October 2018 as defined in, but not limited to, Table 1.2.6 below:

Table 1.2.6: Closure Management Plan	
1	<p>Site risk assessment (leachates):</p> <ul style="list-style-type: none"> • Identification of risk factor/s (leachates) and contaminants with consideration of historical groundwater monitoring data available; and • Assessment of potential impacts to groundwater and surface water as a result of the operation of the prescribed premises; • Timeframes for the implementation of any remedial action/ upgrades required as a result of impacts identified, and any changes required to the operation and management of the premises.
2	<p>Determination of closure:</p> <ul style="list-style-type: none"> • When (date) is landfill closure proposed; • Determination of estimated period for which the site will require protection and

	monitoring post-closure.
3	<p>Development of a rehabilitation plan which must specify:</p> <ul style="list-style-type: none"> • how the landfill will be rehabilitated; • what capping material is to be used; • estimated final contours of the site after settlement; • proposed drainage system to manage run-off at the site; • options for the use of the site after it has ceased to be a landfill, and specification of preferred option.

6. The Licence is amended with the replacement of Schedule 1: Maps – ‘Map of storage locations’ with the map shown over:

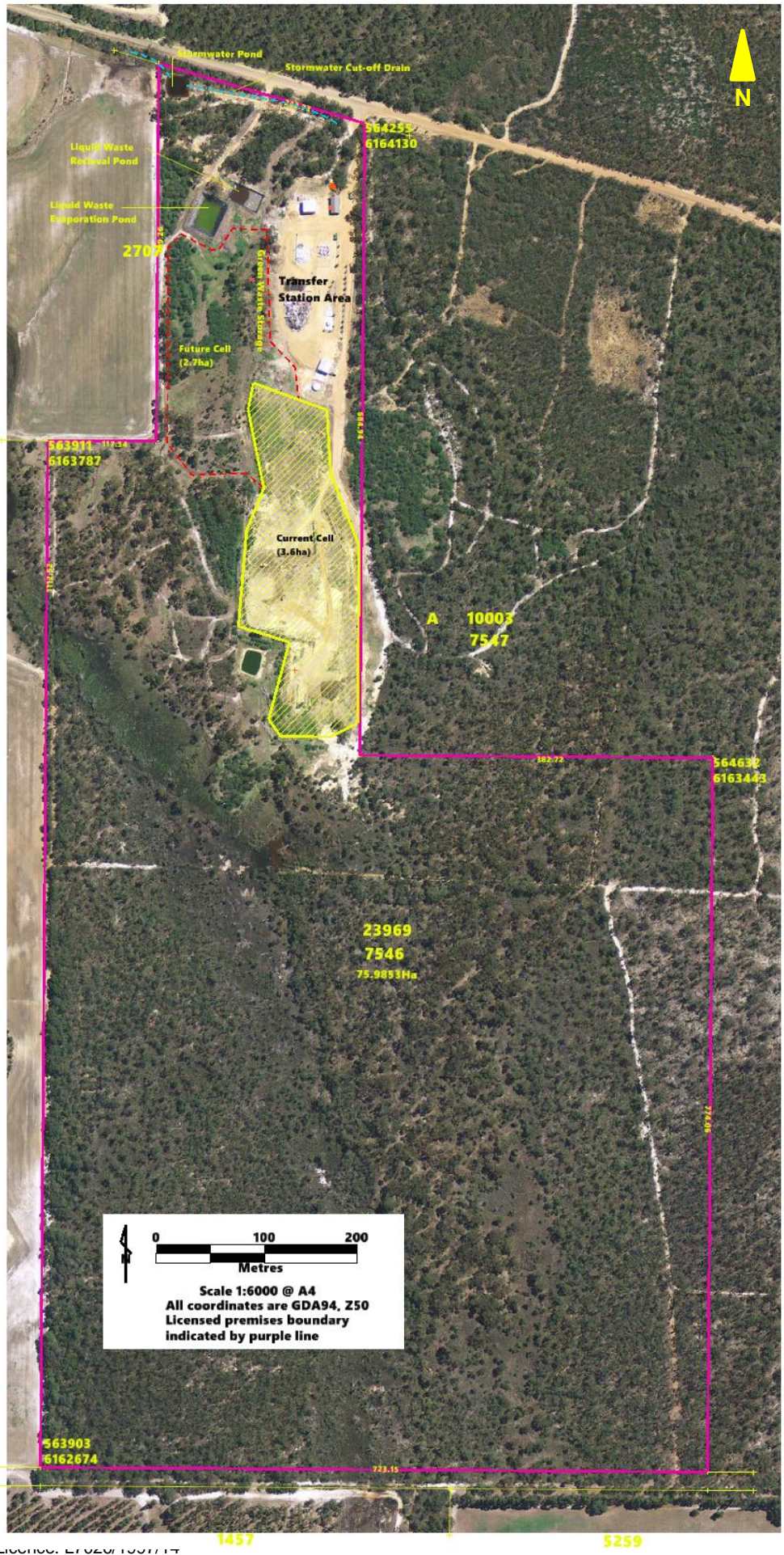


FIGURE E7029/1007/17

Appendix 1: Key documents

	Document title	In text ref	Availability
1	Email: Shire of Plantagenet – Licence amendment application – L7026/1997/12 received from Alexandra Tucker, Environmental Officer, Shire of Plantagenet. Includes three attachments: <ul style="list-style-type: none"> Liquid waste amendment cover letter Liquid waste as-con drawings P4 application L7026_1997_14 amendment 	31/03/2017	DWER records (A1410581)
2	Email: Shire of Plantagenet – Licence amendment application – L7026/1997/12 received from Alexandra Tucker, Environmental Officer, Shire of Plantagenet. Includes three attachments: <ul style="list-style-type: none"> P4 Form putrescible increase SoP (Application Form) Premises map O' Neill Rd. SoP cover letter putrescible increase 	14/12/2017	DWER records (A1580652)
3	Email: Sent to Deon Utber, Regional Leader - Nature Conservation, Department of Biodiversity Conservation and Attractions	3/01/2018	DWER records (A1587351)
4	W4729/2010/1 – Shire of Plantagenet Mount Barker Waste Management Facility Issued Works Approval EAR	2010/005292	DWER records (A341050/A674373)
5	Email: RE L7026/1997/14 – Request for additional information – sent 9 January 2018. Received from Mr David Lynch, Manager Works and Services, Shire of Plantagenet on 26 April 2018.	-	DWER record (A1662840)
6	DER, July 2015. <i>Guidance Statement: Regulatory Principles</i> . Department of Environment Regulation, Perth.	DER 2015a	accessed at www.dwer.wa.gov.au
7	DER, October 2015. <i>Guidance Statement: Setting Conditions</i> . Department of Environment Regulation, Perth.	DER 2015b	
8	DER, November 2016. <i>Guidance</i>	DER 2016b	

	<i>Statement: Risk Assessments.</i> Department of Environment Regulation, Perth.		
9	DER, November 2016. <i>Guidance Statement: Decision Making.</i> Department of Environment Regulation, Perth.	DER 2016c	

Appendix 2: Summary of Licence Holder comments

The Licence Holder was provided with the draft Amendment Notice on 23/3/2018 for review and comment.

Condition	Summary of Licence Holder comment	DWER response
1.2.13	<p>No comment submitted regarding any requested changes to the draft instrument.</p> <p>A point of clarification was received from the Shire of Plantagenet, via email on 26/04/2016, regarding ability to apply for future works approvals for the premises, and confirmation of submission date of 1 October 2018 (DWER record A1662840).</p>	<p>DWER acknowledges that the applicant is able to continue to apply for works approvals for the premises which will be determined in accordance with the requirements of the <i>Environmental Protection Act 1986</i>, related subsidiary legislation and Departmental policy/ guidance.</p> <p>The provision for the construction of a landfill closure management plan is in consideration of the requirements under the <i>Environmental Protection (Rural Landfill) Regulations 2004</i>.</p> <p>No changes undertaken to the draft instrument.</p>