

Decision Document

Environmental Protection Act 1986 (WA)(CKI), Part V

Proponent:	Shire of Cocos (Keeling) Islands		
Licence:	L8686/2012/2		
Registered office:	Shire of Cocos (Keeling) Islands Lot 256 Jalan Melati Home Island Cocos (Keeling) Islands Indian Ocean Territories WA 6799		
Premises address:	Rumah Baru Wet Tip Rumah Baru Road, West Island Cocos (Keeling) Islands Indian Ocean Territories WA 6799 Being Lot 227 on Plan 18529 as depicted in Schedule 1.		
Issue date:	Monday, 8 September 2014		
Commencement date:	Thursday, 18 September 2014		
Expiry date:	Tuesday, 17 September 2019		

Decision

Based on the assessment detailed in this document the Department of Environment Regulation (DER), has decided to issue an amended licence.

Decision Document prepared by:

Caroline Conway-Physick Licensing Officer

Decision Document authorised by:

Stephen Checker Manager Licencing



Government of **Western Australia** Department of **Environment Regulation**

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1 Purpose of this Document

This decision document explains how DER has assessed and determined the application and provides a record of DER's decision-making process and how relevant factors have been taken into account. Stakeholders should note that this document is limited to DER's assessment and decision making under Part V of the *Environmental Protection Act 1986 (WA)(CKI)*. Other approvals may be required for the proposal, and it is the proponent's responsibility to ensure they have all relevant approvals for their Premises.

Works approval and licence conditions

DER has three types of conditions that may be imposed on works approvals and licences. They are as follows;

Standard conditions (SC)

DER has standard conditions that are imposed on all works approvals and licences regardless of the activities undertaken on the Premises and the information provided in the application. These are included as the following conditions on works approvals and licences:

Works approval conditions: 1.1.1-1.1.4, 1.2.1, 1.2.2, 5.1.1, 5.1.2 and 5.3.1.

Licence conditions: 1.1.1-1.1.4, 1.2.1-1.2.4, 5.1.1-5.1.4 and 5.2.1.

For such conditions, justification within the Decision Document is not provided.

Optional standard conditions (OSC)

In the interests of regulatory consistency DER has a set of optional standard conditions that can be imposed on works approvals and licences. DER will include optional standard conditions as necessary, and are likely to constitute the majority of conditions in any licence. The inclusion of any optional standard conditions as a result of this application is justified in Section 4 of this document.

Non standard conditions (NSC)

Where the proposed activities require conditions outside the standard conditions suite DER will impose one or more non-standard conditions. These include both premises and sector specific conditions, and are likely to occur within few licences. Where used, justification for the application of these conditions will be included in Section 4.



2 Administrative summary

Administrative details					
Application type	Works App New Licend Licence an Works App	ce nendmen		nent	
Activities that cause the premises to become prescribed premises	Category 1 64			Assessed design capacity 1,300 tonnes per year	
Application verified	Date: N/A				
Application fee paid	Date: N/A	No	N	/A🖂	
Works Approval has been complied with			IN,		
Compliance Certificate received	Yes	No	Ν	/A🖂	
Commercial-in-confidence claim	Yes	No			
Commercial-in-confidence claim outcome	N/A				
Is the proposal a Major Resource Project?	Yes	No⊠			
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the Environmental Protection Act 1986?	Yes	No⊠	Mar	erral decision No: naged under Part V 🛛 sessed under Part IV 🗍	
Is the proposal subject to Ministerial Conditions?	Yes	No⊠		isterial statement No: A Report No:	
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the <i>Environmental Protection Act 1986</i>)? Yes□ No⊠ Department of Water consulted Yes □ No ⊠					
Is the Premises within an Environmental Protection Policy (EPP) Area Yes No \boxtimes If Yes include details of which EPP(s) here.					
Is the Premises subject to any EPP requirements? Yes \square No \boxtimes If Yes, include details here, eg Site is subject to SO ₂ requirements of Kwinana EPP.					



8 Executive summary of proposal and assessment

The Shire of Cocos (Keeling) Island operates a putrescible Class II landfill on West Island, Cocos (Keeling) Islands which consists of an unmanned, locked landfill that is accessed and utilised only by the Shire. Shire staff visit the site twice a week to dispose of only putrescible (household) wastes at the Premises.

The waste is initially deposited within an arc of metal sea containers (2 m high) before being burned and the residual ash buried.

All other waste streams are disposed of, or stored for later transfer, at 'West Island Transfer Station' or at 'West Island Sludge Disposal Facility (L8685/2012/1) which are separate from the putrescible landfill.

High groundwater levels at Cocos Islands and the influences of seawater ingress make the management of wastes difficult. Depth to groundwater at the premises is approximately 0.5m - 1m.

Prevailing winds, for the majority of the year, are South easterly (Trade winds). The Premises is surrounded by dense vegetation (coconut trees at various stages of height) which minimises the effects of wind within the Premises.

Discharges to environment include random, low level emissions to air from the burning of waste with residual ash being discharged to land for burial. There are no monitoring bores within the Premises boundary.

This Licence is the result of an amendment sought by DER to convert the Licence (L8686/2012/2) to REFIRE format and to amend current licence conditions to more accurately reflect the activities being undertaken at the premises.



4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986 (WA)(CKI)*, the *Environmental Protection Regulations 1987* and DER's Operational Procedure on Assessing Emissions and Discharges from Prescribed Premises. Where other references have been used in making the decision they are detailed in the decision document.

DECISION TA	BLE			
Licence section	Condition number L= Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
General conditions	L1.2.5		SC 1.2.5 has replaced condition 12 of the previous Licence.	General provisions of the Environmental Protection Act 1986 (WA)(CKI).
Premises operation	L1.3.1-L1.3.2	OSC	OSC 1.3.1 and 1.3.2 replace condition 1 of the previous Licence. Condition 1(b) and (c), and 2 have not been carried over as the premises does not dispose of inert wastes or special wastes and requested this removal in correspondence received 28/08/2014.	General provisions of the Environmental Protection Act 1986(WA)(CKI)
			The Premises is not suitable for the disposal of multiple waste types due to the following:	Environmental Protection
			• The flat nature and size of the Island, exposure to strong cyclonic weather and tidal action;	(Unauthorised Discharges)
			Cover material is difficult to obtain due to the size of the Island and limited clean fill/ soil available; and	Regulations 2004.
			Groundwater level is very high (less than 1 metre in most places) on the Island causing considerable difficulty in managing wastes through burial.	Environmental Protection (Rural Landfill)
			The Shire has acknowledged the need for alternative methods to dispose of waste streams from the island however shipping costs are prohibitive. As such, they are working towards the purchase of an incinerator for West Island, through the Commonwealth, and have already procured an incinerator for Home Island.	Regulations 2002.



DECISION TAB	LE			
Licence	Condition	OSC	Justification (including risk description & decision methodology where	Reference
section	number	or	relevant)	documents
	L= Licence	NSC		
	L1.3.3	OSC OSC	OSC 1.3.3 replaces conditions 3(a)-(c), (h), 4, 5, 8, 9, and 13. The tipping face descriptive limits have been reduced to assist with the effective	
	L1.3.4	OSC	onsite management at the tip and to fit within the confines of the burning area at the premises which includes the tipping face. OSC 1.3.5 replaces conditions 3(d) and (e) of the previous Licence with the	
	L1.3.5	OSC	frequency reduced. OSC1.3.6 has been included to outline rehabilitation and closure requirements	
	L1.3.6	OSC	for all cells.	
	L1.3.7-L1.3.8	OSC	Have been included into the amended Licence and are already in place at the Premises.	
	L1.3.9	OSC	OSC 1.3.9 replaces condition 6 of the previous Licence.	
	L1.3.10-1.3.11	OSC	OSC 1.3.10-1.3.11 have been included to manage waste at site.	
	L1.3.12	OSC	Condition 9 of the previous Licence has been replaced by OSC 1.3.3. and 1.3.12.	
			OSC1.3.12 has replaced condition 10 of the previous Licence.	
			Condition 14 of the previous Licence has been removed as the Premises is unable to comply with this condition due to the size of the Island and landfill, and current land utilisation.	
			Conditions 15-18 have not been carried over as they apply to special waste types which are no longer accepted onto the site.	
			Category 57 is being removed from the Premises Licence as this waste type is not disposed of at the site and is not a suitable location.	
Emissions general	L2.1.1		OSC 2.1.1 is included in the licence as there are descriptive limits within this section.	
Point source	L2.2	N/A	Point source emissions to air from the premises have not been reassessed as	General
emissions to	L3.2		part of this Licence amendment process.	provisions of the



DECISION TABL	-E			
Licence section	Condition number L= Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
air including monitoring			As the previous licence did not impose controls on air emissions, no specified conditions have been included in this section.	Environmental Protection Act 1986 (WA)(CKI).
Point source emissions to surface water including monitoring	L2.3 L3.3	N/A	There are no point source emissions to surface water from the premises.	General provisions of the Environmental Protection Act 1986 (WA)(CKI).
Point source emissions to groundwater including monitoring	L2.4 L3.4	N/A	There are no point source emissions to groundwater from the premises.	General provisions of the Environmental Protection Act 1986 (WA)(CKI).
Emissions to land including monitoring	L2.5 L3.5	N/A	Emissions to land have not been reassessed as part of this Licence amendment process. As the previous licence did not impose controls on emissions to land, no specified conditions have been included in this section.	General provisions of the Environmental Protection Act 1986 (WA)(CKI).
Fugitive emissions	L2.6.1	OSC	OSC 2.6.1 replaces condition 7 of the previous Licence. Due to the high rainfall and humidity on the Island, proximity to sensitive receptors and vegetative cover from palms and other native plant species, dust issues are not an issue at the landfill.	General provisions of the Environmental Protection Act 1986 (WA)(CKI).
Odour	L2.7	N/A	Odour has not been reassessed through this amendment process.	
Noise	L2.8	N/A	Noise has not been reassessed as part of this amendment. As the previous licence did not impose controls on noise, no specified conditions have been included in this section. The <i>Environmental Protection (Noise) Regulations 1997</i> apply and SC1.2.1.	Environmental Protection (Noise) Regulations 1997

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DECISION TABL	DECISION TABLE				
Licence section	Condition number L= Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents	
				General provisions of the Environmental Protection Act 1986 (WA)(CKI).	
Monitoring general	L3.1		No reassessment of general monitoring has been undertaken during this Licence amendment process.		
Monitoring of inputs and outputs	L3.6.1	OSC	 Monitoring of inputs and outputs has been included within the new Licence as part of this amendment. The Premises supports a community of approximately 160 people who, along with the seasonal tourism population, generate approximately 1,300 tonnes per annual period of putrescible waste. Formalised recording of waste volumes and types is required to assess impact, and for management purposes. 	General provisions of the Environmental Protection Act 1986 Environmental Protection (Unauthorised Discharges) Regulations 2004.	
Process monitoring	L3.7	N/A	Process monitoring has not been reassessed as part of this Licence amendment process.		
Ambient quality monitoring	L3.8	N/A	Ambient quality monitoring has not been reassessed through this Licence amendment process.	General provisions of the Environmental Protection Act 1986 (WA)(CKI).	
Meteorological monitoring	L3.9	N/A	Meteorological monitoring has not been reassessed as part of this Licence amendment process.		
Improvements	L4.1.1	NSC	Emission description	General	



DECISION TAE	BLE			
Licence section	Condition number L= Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
			<i>Emission:</i> Leachate from putrescible wastes being disposed of in high groundwater table areas. <i>Impact:</i> Contamination of surrounding groundwater and potential impacts to marine ecosystems. <i>Controls:</i> The Shire will burn waste, prior to burial of residue, to reduce volumes and to stop potential windblown wastes.	provisions of the Environmental Protection Act 1986(WA)(CKI).
			Risk Assessment Consequence: Moderate Likelihood: Possible Risk: Moderate	
			Regulatory controls Improvement conditions (IR1 and IR2) have been placed within the Licence to consider improved methods of waste disposal on West Island and the subsequent rehabilitation of the current premises.	
			Residual Risk Consequence: Moderate Likelihood: Possible Risk: Moderate	
Information	L5.3.1	OSC	OSC 5.3.1 has replaced condition 11 of the previous Licence.	
Licence Duration	N/A	N/A	The licence is recommended for a five year period as per DER procedure. No complaints or incidents have been reported for the Premises over the last reporting period. There have been no issues that warrant limiting the duration of the Licence.	
			This premises is considered a moderate risk site due to its environmental sensitivity.	



5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
26/12/2014	Application advertised in West Australian (or other relevant newspaper)	Nil	N/A
29/01/2015	Proponent sent a copy of draft instrument	Signed waiver received 29/01/2015 – no comments received.	N/A

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cence: L8686/2012/2	Amendment date: Thursday, 5 February 2015
le Number: 2012/006267-1	IRLB_ v2.6



6. Risk Assessment

Note: This matrix is taken from the DER Corporate Policy Statement No. 07 - Operational Risk Management

Table 1: Emissions Risk Matrix

Likelihood	Consequence					
	Insignificant	Minor	Moderate	Major	Severe	
Almost Certain	Moderate	High	High	Extreme	Extreme	
Likely	Moderate	Moderate	High	High	Extreme	
Possible	Low	Moderate	Moderate	High	Extreme	
Unlikely	Low	Moderate	Moderate	Moderate	High	
Rare	Low	Low	Moderate	Moderate	High	



Amendment Notice 2

Licence Holder	Shire of Cocos (Keeling) Islands
Licence Number	L8686/2012/2
File Number	2012/006267
Category	64 – Class II putrescible landfill site 57 – Used tyre storage (general)
Premises address	Rumah Baru Wet Tip Rumah Baru Road, West Island Cocos (Keeling) Islands Indian Ocean Territories WA 6799 Being Lot 227 on Plan 18529
Expiry date	17 September 2032
Date of amendment	19 January 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* 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 and follows.

Date signed: 19 January 2018

Christine Hass

A/ MANAGER LICENSING (WASTE INDUSTRIES)

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

Amendment Notice

This DWER initiated amendment is made pursuant to section 59 of the *Environmental Protection Act* 1986 (WA)(CI) (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 notice is limited only to an amendment of the following:

1. Removal of one process limit for 'all buried waste', under condition 1.3.3 of the active Licence.

One other change is proposed to be undertaken by DWER to the original licence, as follows:

• To update the premises Lot details, as per the latest DWER GISViewer dataset details.

The following DWER Guidance Statements have informed the decision made on this amendment:

- Guidance Statement: Regulatory Principles (July 2015)
- Guidance Statement: Land Use Planning (February 2017)
- Guidance Statement: Decision Making (February 2017)
- *Guidance Statement: Risk Assessment* (February 2017)
- Guidance Statement: Licence duration (August 2016)

Amendment Description

An inspection of the Cocos (Keeling) Islands, Rumah Baru Wet Tip was undertaken on 13 September 2017 to assess the operation of the premises against the active Licence. During this process it was identified that the Licensee is unable to comply with the separation distance to groundwater at the premises, as defined within condition 1.3.3 of the active Licence.

DWER Compliance and Enforcement requested a non-urgent amendment to the Licence, through their targeted inspection report, for the removal of the section within Table 1.3.2 requiring a separation distance of 1 m at the premises (See Appendix 1).

Depth to groundwater on Cocos (Keeling) Islands varies from 0.5 – 1 mBGL depending on seasonal rainfall variations and tidal influence (ingress).

The current Lot descriptor is to be changed through an administrative change to reflect the most current premises lot details, as per DWER GISViewer dataset, and as defined under Shire of Cocos (keeling) Islands, Scheme No. 1 (Gazettal date 30/07/2007).

Other approvals

The following information relating to other approvals is outlined in Table 1.

Table 1: Relevant approvals

Legislation	Number	Approval
Commonwealth of Australia – Service Delivery Arrangement (SDA)	N/A	A Service Delivery Agreement exists between DWER and the Commonwealth of Australia for the implementation and management of environmental requirements in accordance with the <i>Environmental Protection Act 1986</i> and associated legislation.

Location, environmental siting and potential receptors

The Shire of Cocos (Keeling) Island (Shire) operates a putrescible Class II landfill on West Island, Cocos (Keeling) Islands which consists of an unmanned, locked landfill that is accessed and utilised only by the Shire. Shire staff visit the site twice a week to dispose of only putrescible (household) wastes at the Premises. High groundwater levels at Cocos Islands and the influences of seawater ingress make the management of wastes difficult. Depth to groundwater at the premises is approximately 0.5m – 1mBGL.

The waste is initially deposited within an arc of metal sea containers (2 metres high) before being burned and the residual ash buried. All other waste streams are disposed of, or stored for later transfer, to 'West Island Transfer Station' which is separate from the putrescible landfill and is an unlicenced/ unregistered facility, as defined under the *Environmental Protection Regulations 1987*.

The Rumah Baru landfill boundary covers an area of approximately 21,000 m² and is surrounded by dense vegetation (coconut trees at various stages of height) which minimises the effects of wind within the Premises. Prevailing winds, for the majority of the year, are South easterly (Trade winds).

The prescribed premises is zoned 'public purpose' for the disposal of waste.

Discharges to environment include random, low level emissions to air from the burning of waste with residual ash being discharged to land for burial. There are no monitoring bores within the Premises boundary.

There are two freshwater lenses within West Island. One is located in the south under the runway, and is the water supply for the town. The second lens is in the northern part of the island.

DWER GIS dataset desktop assessment of potential sensitive receptors to the activities of the prescribed premises operation, are shown in the tables below.

Table 2 below lists the relevant sensitive land uses in the vicinity of the prescribed premises.

Residential and sensitive premises	Distance from Prescribed Premises		
Zoned 'residential' area	Approximately 2.3 km south west of the prescribed premises boundary		
Zoned 'special use' area	Approximately 373 m north west of the prescribed		

Table 2: Receptors and distance from prescribed premises

	premises boundary.
Zoned 'public purpose' area (wastewater treatment plant and marina)	Approximately, 976 m south west and 461 m north respectively, of the prescribed premises boundary.

Table 3 below lists the relevant environmental receptors in the vicinity of the prescribed premises.

Environmental receptors	Distance from Prescribed Premises
Zoned 'general rural' area	Adjoining on all sides of the prescribed premises boundary
Groundwater resource (including fresh water lenses)	Approximately 0.5-1 mBGL, fresh to brackish quality. Southern freshwater lense is approximately 2.07 km south of the prescribed premises boundary. Northern freshwater lense is approximately 435 m north west of the prescribed premises boundary.
Surface water (Indian Ocean and North Lagoon)	Approximately 67 m north east, and 24 m south west respectively, of the prescribed premises boundary.
Zoned 'foreshore protection and nature conservation' area	Approximately 56 m north east, and 11 m south west respectively, of the prescribed premises boundary.

Risk assessment

The proposed amendment is for the removal of a required separation distance to groundwater which was determined to be not achievable during a recent compliance inspection due to the natural/ geological constraints of the islands. The Delegated Officer does not consider the amendment to present a significant material risk to human health or the environment at the current location and volumes being disposed to landfill (approximately 1,300 tonnes per annual period). The premises is located away from all fresh water drinking lenses on the island and is not in close proximity to residential receptors. The waste is burned prior to disposal and the significantly reduced waste (residual ash) is then disposed of within the trench (1.5 m wide x 3 m deep x 20 long), and covered on the day of disposal. The premises receives waste from the approximately 150-200 residents/ tourists that inhabit or visit West Island, on an annual basis. Each trench has an estimated life span of approximately six months.

With assistance from the Waste Authority, the Shire has initiated recycling initiatives across West Island to reduce waste streams to landfill. Recycled waste is then stored at the 'West Island Transfer Station' (unlicenced/ unregistered premises), prior to processing or disposal to the mainland. In addition, the Shire has developed a Waste Strategy for the Cocos (Keeling) Islands which works towards the reduction, minimisation and reuse of waste streams.

West Island is an atoll which relies on groundwater resources through rainfall recharge and is a naturally shallow water resource available through fresh water lenses, predominantly extracted from the southern lense located under the runway within the settlement.

The administrative change to the premises address does not present a material risk to human health or the environment and therefore no risk assessment has been undertaken as a result of this change to the active Licence. This change updates the necessary information relevant to the premises location.

A risk assessment has been included within this amendment notice to address the change to the premises regulatory controls relating to protection of groundwater resources.

Table 4 below describes the Risk Events associated with the amendment, and is consistent with the *Guidance Statement: Risk Assessment (February 2017)*.

Risk Event									
Source/	Activities	Potential Emissions	Potential Receptors	Potential Pathway	Potential Adverse Impacts	Consequence rating	Likelihood rating	Risk	Reasoning
Landfilling activities	Burning and burial of putrescible, household waste types (including plastics, tins, glass, organic wastes)	Nutrients and heavy metals (Metals, Inorganic species, Chlorinated and Non-chlorinated organics)	Soil, groundwater, surface water and vegetation	Land/ water	Impact to groundwater and surface water resources and marine ecosystems (high ecological value) Contamination of localised soil profile, impact on soil microbes and vegetation.	Major	Possible	High	The Licensee is unable of disposing of waste to land without potentially impacting groundwater or subsequent surface water resources due to the depth to groundwater across the island being approximately 0.5-1 mBGL. This is a geophysical limitation of the island. However, efforts are being made to minimise the volume and type of waste disposed of to landfill through various initiates. Water Corporation have confirmed that the northern freshwater lense <i>"may be used in the future by Water Corporation/Commonwealth,</i> <i>though there are no immediate plans. Water is abstracted by private users already, and may be further developed privately in the future."</i>

Table 4: Risk assessment for proposed amendments during operation

Decision

The Delegated Officer considers that the administrative change undertaken through this amendment process does not change any of the obligations of the Licence Holder for the ongoing management of the premises in accordance with DWER regulatory controls. The administrative change included the following:

• The front page of the Licence has been amended to reflect the updated 'premises address' with an update to the premises descriptor. The descriptor was revised through an assessment completed via DWER GISViewer dataset.

The Delegated Officer considers the removal of the requirement for a separation distance to groundwater as acceptable due to the following limitations:

- West Island is a remote, isolated, inhabited atoll with limited waste disposal options available.
- The depth to groundwater across the island is restrictive (0.5-1 mBGL) in achieving standard separation distances for landfilling activities.

Historically, inappropriate wastes types have been burnt and/ or buried at the landfill. The Licence has therefore been amended to better reflect the assessed activities and to more accurately define the permitted waste types and processes allowed. The intent of the Licence is to ensure that potential emissions, as a result of the premises operation, are undertaken in an appropriate manner. The mitigating factors undertaken by the Shire to manage waste at the site are considered appropriate and have been further defined within the requirements of the Licence with the inclusion of additional process limits within condition 1.3.1, to minimise the waste types being disposed of at the landfill. These inclusions are determined by the Delegated Officer to be necessary and important in order to:

- ensure the health of the high conservation and marine ecosystem values of the Cocos (Keeling) Islands;
- assist in the management of potential growth within West Island as a result of increased tourism; and
- identify measures and align more effectively with appropriate Waste Strategies of reduction and minimisation of waste to landfill.

The Delegated Officer has determined that:

The consequence of landfilling to ground, within a high water table area, may potentially result in short term impact to an area of high conservation value. The likelihood of this risk event occurring is possible on a local scale, therefore the risk rating for the premises is considered high. As a result, additional regulatory controls have been proposed within the Licence due to the removal of the requirement to limit separation distance. The standard requirement to require a separation distance to groundwater across the Island is a geologically impossible to achieve.

The Delegated Officer considers the above proposed changes to the active Licence appropriate and consistent with the regulatory controls applied across the State in defining the location of prescribed premises and assessing risk, as regulated under DWER guidance shown within Appendix 1 of the Amendment Notice.

Amendment History

Table 5 provides the amendment history for L8708/2012/1.

Table 5: Licence amendments

Instrument	Issued	Amendment
L8686/2012/2	29/06/2017	Amendment Notice 1 – Extension of Licence duration expiry date to 17 September 2032.
L8686/2012/2	09/01/2018	Amendment Notice 2 – Administrative changes to remove condition 1.3.3 from the Licence.

Licence Holder's Comments

The Licence Holder was provided with the draft Amendment Notice on 7 December 2017 and again on 8 January 2018. See Appendix 2 for comments.

Amendment

- 1. Condition 1.3.1 of the Licence is amended by the insertion of red text shown in underline below:
- 1.3.1 The Licensee shall only accept waste on to the Premises if:
 - (a) it is of a type listed in Table 1.3.1;
 - (b) the quantity accepted is below any quantity limit listed in Table 1.3.1;
 - (c) it meets any specification listed in Table 1.3.1; and
 - (d) in the case of contaminated solid waste is supported by documentation that demonstrates compliance with the acceptance criteria for Class II landfills.

Table 1.3.1: Waste acceptance				
Waste	Quantity Limit	Specification ¹		
Clean fill	N/A	None specified		
Putrescible waste	1,300 tonnes per annual period	 Deposited by Shire staff only. Acceptance of putrescible, household waste only. No contaminated solid waste, Type 1 or 2 Inert waste, Type 1 or 2 Special waste may be received to the premises. Ensure waste types received to the premises are in accordance with the Landfill Waste Classification and Waste Definitions 1996 (as amended) guidelines, for a Class II Putrescible landfill facility. 		
		<u>anan aony</u> .		

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the Environmental Protection (Controlled Waste) Regulations 2004.

2. Condition 1.3.3 of the Licence is amended by the deletion of text shown in strikethrough below and by the insertion of the red text shown in underline below:

1.3.3 The Licensee shall ensure that wastes accepted onto the Premises are only subjected to the process(es) set out in Table 1.3.2 and in accordance with any process limits described in that Table.

Table <u>1.3.2;</u> V	Vaste processing	
Waste	Process	Process limits ^{1,2}
type(s)		
All buried wastes	Disposal of waste by landfilling	 Maintain an undisturbed separation distance of at least one metre between the waste and the highest- level of the water table aquifer. Ensure all non-putrescible waste types identified are removed from the waste stream prior to burning, and stored at the West Island Transfer Station for off-site disposal at an appropriate facility. Maintain an undisturbed separation distance of at least twenty metres between the waste and the highest level/ tide of the sea. Ensure that the tipping area is no greater than two metres in height, with a maximum linear length of 30 metres. Carry out weekly collection of any windblown or washed away waste generated from the premises. Ensure all waste is placed within the Premises boundary. Waste is levelled and compacted to ensure all faces are stable and capable of retaining rehabilitation material. Rehabilitation of a cell or phase takes place within 6 months after disposal in that cell or phase has been completed
Clean Fill	Receipt, handling and disposal by landfilling	None specified
Putrescible wastes	Disposal by burning prior to burial	 <u>Burning of waste</u> Green waste is dry and seasoned for at least two months prior to burning. Ensure burning does not commence before 8am and the Fire Control Officer for the landfill site declares the area safe by 12 noon on the same day. Place in a designated burning area at least 25m from the boundary of any active disposal areas. Place in trenches or windrows. Place only when an adequate supply of water and equipment are available to effectively manage the burning process.

Note 1: Requirements for landfilling tyres are set out in Part 6 of the Environmental Protection Regulations 1987. Note 2: Additional requirements for the acceptance and landfilling of controlled waste (including asbestos and tyres) are set out in the Environmental Protection (Controlled Waste) Regulations 2004. 3. The prescribed 'premises address' descriptor, as shown on the front page of the active Licence, is amended by the deletion of text shown in strikethrough below and by the insertion of the red text shown in underline below:

Premises address	Rumah Baru Wet Tip
	Rumah Baru Road, West Island
	Cocos (Keeling) Islands
	Indian Ocean Territories WA 6799
	Being Lot 227 on Plan 18529 <u>Lot 100 on Plan 18500</u>

Appendix 1: Key Documents

	Document Title	In text ref	Availability
1	DER, July 2015. Guidance Statement:		accessed at
	Regulatory principles. Department of	DER2014/001365	http://www.der.wa.gov.au
	Environment Regulation, Perth.		
2	DER, August 2016. <i>Guidance</i> Statement: Licence duration. Department of Environment	N/A	
	Regulation, Perth.		
3	DER, February 2017. <i>Guidance</i> <i>Statement: Risk Assessments</i> . Department of Environment Regulation, Perth.	N/A	
4	DER, February 2017. <i>Guidance</i> <i>Statement: Decision Making.</i> Department of Environment Regulation, Perth.	DER2015/001284	
5	DER, February 2017. <i>Guidance</i> <i>Statement: Land Use Planning.</i> Department of Environment Regulation, Perth.	DER2014/003028	
6	L8686/2012/2 – Rumah Baru Wet Tip – Targeted Inspection Report 2017	-	DWER internal records (A1510408)
7	West Island Fresh Water Lens	Water Corporation	DWER Internal records (A1560202)

Appendix 2: Summary of Licence Holder comments

The Licence Holder was provided with the draft Amendment Notice on 7 December 2017 for review and comment.

Comments received	DWER consideration of risk
NIL	N/A – Ian Evans (Shire of Cocos Keeling Islands) was called and emailed on 8/1/2018 to confirm no comments for consideration within amendment process.