



Amendment Report

Licence Number	L8128/2006/2
Licence Holder	Shire of Boyup Brook
ACN	NA
File Number:	DEC1124/1
Premises	Stanton Road Liquid Waste Facility Being on Lot 201 on Plan 301850 Stanton Road BOYUP BROOK, WA 6244 as depicted in Schedule 1.
Date of Report	15/11/2019

1. Definitions and interpretation

Definitions

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

Table 1: Definitions

Term	Definition
ACN	Australian Company Number
Amendment Report	refers to this document
Category/ Categories/ Cat.	categories of Prescribed Premises as set out in Schedule 1 of the EP Regulations
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department Administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 JOONDALUP DC WA 6027 info@dwer.wa.gov.au
Delegated Officer	an officer under section 20 of the EP Act
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V, Division 3 of the EP Act.
DWER	Department of Water and Environmental Regulation
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
Existing Licence	The Licence issued under Part V, Division 3 of the EP Act and in force prior to the commencement of and during this Review
K110	Grease trap waste – Grease interceptor waste from grease traps
K210	Septage wastes – Liquid and solid components from the pump-out of septic tanks
Licence Holder	Shire of Boyup Brook
Prescribed Premises	has the same meaning given to that term under the EP Act.
Premises	refers to the premises to which this Amendment Report applies, as specified at the front of this Amendment Report.

Term	Definition
Revised Licence	the amended Licence issued under Part V, Division 3 of the EP Act, with changes that correspond to the assessment outlined in this Amendment Report.
Risk Event	as described in <i>Guidance Statement: Risk Assessment</i>

2. Amendment Description

The following guidance statements have informed the assessment and decision outlined in this Amendment Report.

- *Guidance Statement: Setting Conditions (October 2015)*
- *Guidance Statement: Decision Making (June 2019)*
- *Guidance Statement: Risk Assessment (February 2017)*
- *Guidance Statement: Environmental Siting (November 2016)*

2.1. Purpose and scope of assessment

On 6 August 2019, Shire of Boyup Brook (the Licence Holder) submitted an application to the Department of Water and Environmental Regulation (DWER) to amend L8128/2006/2. The Licence is for a Prescribed Premises Category 61 liquid waste facility in Boyup Brook, Western Australia. The Premises is currently permitted to accept septage waste (K210). The current operation has a nominated rate of throughput of approximately 600 tonnes per year. The application details that 92 kilolitres of septage waste (pump-outs from leach drains and septic tanks) were accepted for disposal in 2018.

The Licence Holder has applied to amend the Licence to allow the acceptance of up to 100 tonnes of grease trap waste (K110) per year. The waste will be trucked to site by licenced Controlled Waste operators.

Table 2 lists the documents and information provided with the amendment application and submitted as part of the assessment process.

Table 2: Licence amendments

Document/information description	Date received
Application Form (Amendment) signed by Acting CEO and attached supporting documentation	6 August 2019

2.2. CEO Initiated amendment

In applying the above requested amendment The CEO has also

- Updated the definitions in the Licence
- Updated table 1 to reflect correct waste codes, category group name and description for liquid waste received at the facility;
- Updated the style and appearance of the Licence;
- Deleted the redundant AACR form set out in attachment 2 of the previous licence and advise the Licensee to obtain the form from the Department's website;
- Updated the expiry date to align with the 2016 amended expiry date.

3. Amendment history

Table 3 provides the amendment history for L8128/2006/2.

Table 3: Licence amendments

Instrument	Issued	Amendment
L8128/2006/2	31/07/2012	Licence re-issue
L8128/2006/2	29/04/2016	Notice of Amendment to extend the expiry date of the Licence
L8128/2006/2	14/11/2019	Licence amended to allow the acceptance of grease trap waste (K110) at the facility. The CEO has also updated the style and appearance of the Licence, deleted the redundant AACR form set out in Attachment 2 of the previous licence and updated the expiry date to align with the amended expiry date.

4. Location and receptors

Table 4 below lists the relevant sensitive land uses currently in the vicinity of the Prescribed Premises which may be receptors relevant to the proposed amendment.

Table 4: Receptors and distance from activity boundary

Residential and sensitive premises	Distance from Prescribed Premises
Residential premises	500 metres to the north-east
Boyup Brook Township	3 km from the north western boundary

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

Table 5: Environmental receptors and distance from activity boundary

Environmental receptors	Distance from Prescribed Premises
Blackwood River	Approximately 3 km to the North
Minor watercourse	Approximately 1km from the facility
Groundwater	This area has limited groundwater supply as its annual recharge is estimated as 30% of annual rainfall (450mm per year). Opportunistic users of groundwater would target the fractured rock or minor aquifers as there is no regional aquifer beneath the premises. The water is considered marginal to saline quality with total dissolved salts (TDS) varying from 1,500 to 20,000mg/L and is considered suitable as stock water supply only.
Threatened Ecological Communities or Declared Rare Flora	No Threatened Ecological Communities or Declared Rare Flora are listed for this location.
Public Drinking Water Source Area	The premises is not located within a Public Drinking Water Source Area or in an area covered by any Environmental Protection Policies.

5. Risk assessment

Table 6 below describes the Risk Events associated with the amendment consistent with the *Guidance Statement: Risk Assessments*. This table identifies whether the emissions present a material risk to public health or the environment and outlines relevant regulatory controls.

Table 6: Risk assessment for proposed amendments during operation

Risk Event				Consequence rating ¹	Likelihood rating ¹	Risk ¹	Reasoning	Regulatory controls (refer to conditions of the granted instrument)
Source/Activities*	Potential emissions	Potential receptors, pathway and impact	Applicant controls					
<p>Cat 61: Liquid waste facility</p> <p>Spills, overtopping and unintended release of liquid waste and sludge</p>	<p>Waste: K210 (Septage wastewater and sludge), & K110 (Grease trap waste)</p>	<p>Premises lot, adjoining land, surface water drainage and vegetation adjacent to the areas.</p> <p>Potential soil contamination inhibiting vegetation growth and temporary loss of habitat</p>	<p>Treatment pond is within a bunded area. Ponds constructed in heavy in-situ clays</p>	<p>Specific Consequence Criteria (for environment) at risk of not being met</p> <p>Moderate</p>	<p>The risk event will probably not occur in most circumstances</p> <p>Unlikely</p>	<p>Medium</p>	<p>The Delegated Officer considers that treatment pond is well bunded and will prevent the outflow of liquid and therefore areas provides sufficient mitigation of this Risk Event.</p>	<p>Existing Licence Conditions 5 and 6</p>

Risk Event				Consequence rating ¹	Likelihood rating ¹	Risk ¹	Reasoning	Regulatory controls (refer to conditions of the granted instrument)
Source/Activities*	Potential emissions	Potential receptors, pathway and impact	Applicant controls					
<p>Cat 61: Liquid waste facility</p> <p>Liquid waste leachate in the treatment pond</p>	Leachate	<p>Seepage of leachate, contaminated stormwater runoff. Stormwater runoff may contain elevated nutrients and other contaminants which may cause contamination on and off-site and surface water drainage systems if leachate is not properly contained.</p>	<p>Removal of sludge to prevent excessive loading of the treatment pond.</p> <p>Treatment pond is within a bunded area</p> <p>Ponds constructed in heavy in-situ clays</p>	<p>Low-level onsite impact</p> <p>Minor</p>	<p>The risk event will probably not occur in most circumstances</p> <p>Unlikely</p>	Medium	<p>Stormwater may discharge from the site during heavy rain events.</p> <p>The Delegated Officer considers that bunding and clay construction of the treatment pond, combined with stormwater management practices and existing licence conditions are appropriate to prevent contamination of stormwater and discharge of leachate offsite.</p>	Existing Licence Conditions 5, 6 and 8
<p>Cat 61: Liquid waste facility</p> <p>Treatment pond storing waste type K210 and K110</p>	Odour	<p>Boyup Brook Township ~3km from the Premises Boundary.</p> <p>Residential premises 500 m to the north east</p>		<p>Minimal offsite impact</p> <p>Minor</p>	<p>The risk event will probably not occur in most circumstances</p> <p>Unlikely</p>	Medium	<p>The Delegated Officer considers that existing licence conditions and the provisions of section 49 of the EP Act is sufficient to regulate odour emissions during operation.</p>	Existing Licence Conditions 2, 4 and 6

Risk Event				Consequence rating ¹	Likelihood rating ¹	Risk ¹	Reasoning	Regulatory controls (refer to conditions of the granted instrument)
Source/Activities*	Potential emissions	Potential receptors, pathway and impact	Applicant controls					
Cat 61: Liquid waste facility	Vehicle Noise	Dispersal via air to residential premises 500 m to the north-west of the facility.	The facility accepts approximately one truck load of liquid waste per month from the contractor.	Minimal local scale impacts Slight	May only occur in exceptional circumstances Rare	Low	The primary noise emissions will be generated from the movement of trucks The Delegated Officer considers noise emissions are adequately addressed under the provisions of the Environmental Protection (Noise) Regulations 2002.	N/A

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the Department's Guidance Statement: Risk Assessments (February 2017)

6. Conclusion

Based on the assessment in this Amendment Report, the Delegated Officer has determined that a licence amendment will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

6.1. Summary of amendments

Table 7 provides a summary of the proposed amendments and will act as record of implemented changes. All proposed changes have been incorporated into the Revised Licence as part of the amendment process.

Table 7 Licence amendments

Condition No.	Proposed amendments
NA	Updated the format and appearance of the Licence.
Front page	Updated the expiry date to align with the 2016 amended expiry date.
Definitions	Definitions updated to reflect department name changes and add some new definitions.
1 - 10	Licence conditions updated to reflect wording in current licence template. The word "Licensee" has been removed and the word "licence holder" was added instead to the licence.
1	Table 1 amended to permit the receipt of grease trap waste (K110) on site. Table 1 has also been updated to reflect correct waste code and definition for sewage waste received from the contractors.
Attachment 2	Deleted the redundant AACR form.
Schedule 2	Prescribed premises categories definitions table for Stanton Road Liquid Waste Facility added to the Licence.

6.2. Licence Holder comments

The Licence Holder was provided with the draft amendment on 28 October 2019 for review and comment. The Licence Holder advised on 12 November 2019 that they have no further comments on the draft amendment and waived the remaining consultation period.

**STEPHEN CHECKER
MANAGER WASTE INDUSTRIES
REGULATORY SERVICES**

An officer delegated by the CEO under section 20 of the EP Act

Appendix 1: Key documents

	Document title	In text ref	Availability
1.	Licence L8128/2006/2	L8128/2006/2	Accessed at www.dwer.wa.gov.au
2.	Category 61 Licence amendment application Form. Shire of Boyup Brook, Stanton Road Liquid Waste Facility, Application Form (Amendment) signed by Acting CEO and attached supporting documentation signed 6/08/19.	Licence amendment application	DWER record (DWERDT189957)
3.	DER, July 2015. <i>Guidance Statement: Regulatory principles.</i> Department of Environment Regulation, Perth.	DER 2015a	Accessed at www.dwer.wa.gov.au
4.	DER, October 2015. <i>Guidance Statement: Setting conditions.</i> Department of Environment Regulation, Perth.	DER 2015b	
5.	DER, May 2016. <i>Guidance Statement: Publication of Annual Audit Compliance Reports.</i> Department of Environment Regulation, Perth.	DER 2016a	
6.	DER, August 2016. <i>Guidance Statement: Licence duration.</i> Department of Environment Regulation, Perth.	DER 2016b	
7.	DER, September 2016. <i>Guidance Statement: Environmental Standards.</i> Department of Environment Regulation, Perth.	DER 2016c	
8.	DER, November 2016. <i>Guidance Statement: Environmental Siting.</i> Department of Environment Regulation, Perth.	DER 2016d	
9.	DER, February 2017. <i>Guidance Statement: Land Use Planning.</i> Department of Environment Regulation, Perth.	DER 2017a	
10.	DER, February 2017. <i>Guidance Statement: Risk Assessments.</i> Department of Environment Regulation, Perth.	DER 2017b	
11.	DWER, June 2019. <i>Guideline: Decision Making.</i> Department of Water and Environmental Regulation, Perth.	DWER 2019a	
12.	DWER, June 2019. <i>Guideline: Industry Regulation Guide to Licensing.</i> Department of Water and Environmental Regulation, Perth.	DWER 2019b	
13.	DWER, June 2019. <i>Guideline: Odour emissions.</i> Department of Water and Environmental Regulation, Perth.	DWER 2019c	