



# Decision Document

## *Environmental Protection Act 1986, Part V*

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**Proponent:** **Holista CollTech Limited**

**Licence:** **L7998/2003/3**

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**Registered office:** 66 Kings Park Road  
WEST PERTH  
WA 6005

**ACN:** 094 515 992

**Premises address:** Holista CollTech  
Boys Home Road  
COLLIE WA 6225  
Portion of Lot 3001 on Plan 51101 as depicted in Schedule 1.

**Issue date:** Thursday, 15 January 2015

**Commencement date:** Monday, 19 January 2015

**Expiry date:** Saturday, 18 January 2020

### **Decision**

Based on the assessment detailed in this document the Department of Environment Regulation (DER), has decided to issue a licence. DER considers that in reaching this decision, it has taken into account all relevant considerations.

Decision Document prepared by: **Jamie Piotrowski**  
Licensing Officer

Decision Document authorised by: **Jon Bailes**  
Manager Licensing/Process Industries



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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*. 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 Approval <input type="checkbox"/> New Licence <input checked="" type="checkbox"/> Licence amendment <input type="checkbox"/> Works Approval amendment <input type="checkbox"/>	
Activities that cause the premises to become prescribed premises	<b>Category number</b>	<b>Assessed design capacity</b>
	16: Rendering operations	2000 tonnes per annual period
Application verified	Date: 14/10/2014	
Application fee paid	Date: 20/10/2014	
Works Approval has been complied with	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Compliance Certificate received	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
Commercial-in-confidence claim	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Commercial-in-confidence claim outcome		
Is the proposal a Major Resource Project?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Was the proposal referred to the Environmental Protection Authority (EPA) under Part IV of the <i>Environmental Protection Act 1986</i> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Referral decision No: Managed under Part V <input type="checkbox"/> Assessed under Part IV <input type="checkbox"/>
Is the proposal subject to Ministerial Conditions?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Ministerial statement No: EPA 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 <input type="checkbox"/> No <input checked="" type="checkbox"/>	Department of Water consulted Yes <input type="checkbox"/> No <input type="checkbox"/>
Is the Premises within an Environmental Protection Policy (EPP) Area	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
If Yes include details of which EPP(s) here.		
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
If Yes, include details here, eg Site is subject to SO <sub>2</sub> requirements of Kwinana EPP.		



### 3 Executive summary of proposal and assessment

Holista Colltech Limited (HCL) currently operates a rendering facility under Licence L7998/2003/2 which produces cosmetic-grade collagen. HCL is located on Boys Home Road, Collie, within the boundary of the Collie "A" Power Station. It is approximately 10km east of the Town of Collie and the nearest sensitive premises, a local resident, is located approximately 4.5km to the West. Since 2003 when HCL commenced operation, DER has received no complaints related to operations at the site.

Major land uses in the Collie region include agriculture, forestry, conservation, coal mining and power generation. The site is in close proximity to other industrial premises including the Bluewaters power station, a fly ash reuse operation, open cut coal mining operations to the south-east and the Collie A Power Station, where HCL operate. The site is bounded by wetland areas to the east and west and the Collie River East branch approximately 1 km north

HCL accepts de-wooled lamb and sheep skins for processing. This involves skins being washed then minced, then fermented in acid for seven days before the collagen is extracted. The extraction process is undertaken in sealed vessels to minimise any odour issues. The wastewater generated contains high levels of nitrogen and phosphorus and is directed to two sealed storage tanks (45 000L total capacity) before being directed to the Collie Power Station marine outfall disposal tank. The tanks and transfer pipework are fitted with appropriate control measures such as electronic shut off sensors and valves to ensure overtopping does not occur. There has been no notifiable instances of environmental issues such as pollution events since the plant was commissioned.

Wastewater and contaminated stormwater are directed to the wastewater storage tanks and when full, the wastewater is transferred to the power station's water treatment plant prior to being sent to the marine outfall disposal tank. This activity is regulated under Licence L6637/1995/15 operated by Synergy. Small quantities of solid animal waste from the mincing of skins are generated in the rendering process. This waste is stored in sealed, banded, containers and disposed of at the Collie Refuse Site.



## 4 Decision table

All applications are assessed in line with the *Environmental Protection Act 1986*, 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 TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
General conditions	L1.2.1 and L1.2.3	SC	SC 1.2.1 replaces condition G4 of the previous licence. SC 1.2.3 replaces condition G3 of the previous licence.	General provisions of the <i>Environmental Protection Act 1986</i>
	L1.2.5	OSC	OSC 1.2.5 replaces condition W1 of the previous licence.	
Emissions general	L2.1.1	OSC	Emission limits have not been set therefore an OSC regarding recording and investigation of exceedances of limits or targets has not been included.	General provisions of the <i>Environmental Protection Act 1986</i> . <i>Environmental Protection (Unauthorised Discharges)</i>
Point source emissions to air including monitoring	N/A	N/A	There are no point source emissions to air from the premises that require regulation through this section. SC 1.2.1 applies.	N/A
Point source emissions to surface water including monitoring	N/A	N/A	There are no point source emissions to surface water from the premises.	N/A



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
Point source emissions to groundwater including monitoring	N/A	N/A	There are no point source emissions to groundwater from the premises.	N/A
Emissions to land including monitoring	N/A	N/A	There are no emissions to land from the premises.	N/A
Fugitive emissions	N/A	N/A	There are no fugitive emissions from the premises.	N/A
Odour	N/A	N/A	Odour has not been reassessed as part of this amendment. As the previous licence did not impose controls on odour, no specified conditions have been included in this section. SC 1.2.1 applies.	General provisions of the <i>Environmental Protection Act 1986</i> .
Noise	N/A	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> and SC 1.2.1 apply.	General provisions of the <i>Environmental Protection Act 1986</i>
Monitoring general	L3.1.1 – 3.1.2	OSC	OSC 3.1.1 replaces conditions W7(a) and W7(b) of the previous licence. OSC 3.1.2 is added to reflect REFIRE standard conditions.	General provisions of the <i>Environmental Protection Act 1986</i>
Monitoring inputs and outputs and Process monitoring	L3.6.1 and Table 3.6.1	OSC	OSC 3.6.1 and Table 3.6.1 are added to the licence to require the licensee to undertake sampling of wastewater before it is sent to the Collie Power Station treatment plant. The sampling is to be undertaken with every batch of wastewater sent to the Collie Power Station. The activity is not considered a discharge as it is being handled at a separate licensed premises. This replaces condition W6 in the previous licence and has been modified to reflect the REFIRE optional standard conditions.	General provisions of the <i>Environmental Protection Act 1986</i> .



DECISION TABLE				
Works Approval / Licence section	Condition number W = Works Approval L = Licence	OSC or NSC	Justification (including risk description & decision methodology where relevant)	Reference documents
Ambient quality monitoring	N/A	N/A	Monitoring requirements have not been reassessed as part of this amendment. As the previous licence did not require ambient quality monitoring no specified conditions have been included in this section.	
Meteorological monitoring	N/A	N/A	Monitoring requirements have not been reassessed as part of this amendment. As the previous licence did not require meteorological monitoring no specified conditions have been included in this section	
Improvements	N/A	N/A	No improvement conditions are considered necessary as a result of this amendment.	N/A
Information	L5.1.3 L5.2.1		SC 5.1.3 replaces condition G2 of the previous licence. SC 5.2.1 replaces condition G1 of the previous licence.	
Licence Duration	N/A	N/A	Due to the site being low risk and not having any direct point source discharges to the environment, a five (5) year licence will be issued.	N/A

## 5 Advertisement and consultation table

Date	Event	Comments received/Notes	How comments were taken into consideration
27/10/2014	Application advertised in West Australian (or other relevant newspaper)	No comments/submissions received.	N/A
02/01/2015	Proponent sent a copy of draft instrument	Proponent requested that "BOD" was replaced with "COD" to align with the requirements from the Power Station.	Requested changes were made.



## 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