



The Manager  
Holista CollTech Limited  
PO Box 40  
COLLIE WA 6225

ATTN: Nilesh Shah

Dear Nilesh

**ENVIRONMENTAL PROTECTION ACT 1986: LICENCE GRANTED**

**Premises:**

Holista CollTech Limited  
Boys Home Road  
COLLIE WA 6225

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

A licence under the Environmental Protection Act 1986 (the Act) has been granted for the above premises. The Department of Environment Regulation will advertise the issuing of this licence in the public notices section of The West Australian newspaper.

The licence includes attached conditions. Under section 58(1) of the Act, it is an offence to contravene a condition of a licence. This offence carries a penalty of up to \$125,000 and a daily penalty of up to \$25,000.

In accordance with section 102(1)(c) of the Act, you have 21 days to appeal the conditions of the licence. Under section 102(3)(a) of the Act, any other person may also appeal the conditions of the licence. To lodge an appeal, contact the Office of the Appeals Convenor on 6467 5190 or by email at [admin@appealsconvenor.wa.gov.au](mailto:admin@appealsconvenor.wa.gov.au).

Where a licence is issued for more than one year it requires payment of an annual fee and will cease to have effect if the fee is unpaid. It is the occupier's responsibility to lodge a fee application and pay the annual fee in sufficient time to avoid incurring a late payment fee and for processing to be completed before the licence anniversary date.

If you have any queries regarding the above information, please contact Jamie Piotrowski on 9725 4300.

Yours sincerely

Ed Schuller  
Officer delegated under Section 20  
of the *Environmental Protection Act 1986*

15 January 2015



# Licence

## *Environmental Protection Act 1986, Part V*

**Licensee: Holista CollTech Limited**

**Licence: L7998/2003/3**

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

**ACN:** 094 515 992

**Premises address:** Holista CollTech  
Boys Home Road  
PALMER 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

**Prescribed premises category**  
Schedule 1 of the *Environmental Protection Regulations 1987*

Category number	Category description	Category production or design capacity	Approved Premises production or design capacity
16	Rendering operations: premises on which substances from animal material are processed or extracted.	100 tonnes or more per year	2000 tonnes per annual period

### Conditions

This Licence is subject to the conditions set out in the attached pages.

.....  
Officer delegated under section 20  
of the *Environmental Protection Act 1986*



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## Introduction

This Introduction is not part of the Licence conditions.

### DER's industry licensing role

The Department of Environment Regulation (DER) is a government department for the state of Western Australia in the portfolio of the Minister for Environment. DER's purpose is to advise on and implement strategies for a healthy environment for the benefit of all current and future Western Australians.

DER has responsibilities under Part V of the *Environmental Protection Act 1986* (the Act) for the licensing of prescribed premises. Through this process DER works with the business owners, community, consultants, industry and other representatives to prevent, control and abate pollution and environmental harm to conserve and protect the environment. DER also monitors and audits compliance with works approvals and licence conditions, takes enforcement action as appropriate and develops and implements licensing and industry regulation policy.

### Licence requirements

This Licence is issued under Part V of the Act. Conditions contained within the Licence relate to the prevention, reduction or control of emissions and discharges to the environment and to the monitoring and reporting of them.

Where other statutory instruments impose obligations on the Premises/Licensee the intention is not to replicate them in the licence conditions. You should therefore ensure that you are aware of all your statutory obligations under the Act and any other statutory instrument. Legislation can be accessed through the State Law Publisher website using the following link:

<http://www.slp.wa.gov.au/legislation/statutes.nsf/default.html>

For your Premises relevant statutory instruments include but are not limited to obligations under the:

- *Environmental Protection (Unauthorised Discharges) Regulations 2004* – these Regulations make it an offence to discharge certain materials such as contaminated stormwater into the environment other than in the circumstances set out in the Regulations.
- *Environmental Protection (Controlled Waste) Regulations 2004* - these Regulations place obligations on you if you produce, accept, transport or dispose of controlled waste.
- *Environmental Protection (Noise) Regulations 1997* – these Regulations require noise emissions from the Premises to comply with the assigned noise levels set out in the Regulations.

You must comply with your licence. Non-compliance with your licence is an offence and strict penalties exist for those who do not comply.





Licence holders are also reminded of the requirements of section 53 of the Act which places restrictions on making certain changes to prescribed premises unless the changes are in accordance with a works approval, licence, closure notice or environmental protection notice.

#### Licence fees

If you have a licence that is issued for more than one year, you are required to pay an annual licence fee prior to the anniversary date of issue of your licence. Non payment of annual licence fees will result in your licence ceasing to have effect meaning that it will no longer be valid and you will need to apply for a new licence for your Premises.

#### Ministerial conditions

If your Premises has been assessed under Part IV of the Act you may have had conditions imposed by the Minister for Environment. You are required to comply with any conditions imposed by the Minister.

#### Premises description and Licence summary

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, there have been 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 extrated. 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 pipeworks 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 adjacent power station's water treatment plant prior to being sent to the marine outfall disposal tank. This activity is regulate 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, bunded, containers and disposed of at the Collie Refuse Site.

This Licence is the successor to licence L7998/2003/2 and includes conversion to REFIRE format.

The licences and works approvals issued for the Premises since 02/02/2004 are:

Instrument log		
Instrument	Issued	Description
W3879/2003/1	02/02/2004	New Works Approval
L7998/2003/1	19/01/2005	New Licence
L7998/2003/2	19/01/2010	Licence re-issue
L7998/2003/3	15/01/2015	Licence re-issue and REFIRE conversion



**Severance**

It is the intent of these Licence conditions that they shall operate so that, if a condition or a part of a condition is beyond the power of this Licence to impose, or is otherwise *ultra vires* or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within the power of this Licence to impose and are not otherwise *ultra vires* or invalid.

**END OF INTRODUCTION**



## Licence conditions

### 1 General

#### 1.1 Interpretation

1.1.1 In the Licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 For the purposes of this Licence, unless the contrary intention appears:

**'Act'** means the *Environmental Protection Act 1986*;

**'annual period'** means the inclusive period from 1 January until 31 December in the same year;

**'AS/NZS 5667.1'** means the Australian Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples*;

**'AS/NZS 5667.10'** means the Australian Standard AS/NZS 5667.10 *Water Quality – Sampling – Guidance on sampling of waste waters*;

**'CEO'** means Chief Executive Officer of the Department of Environment Regulation;

**'CEO'** for the purpose of correspondence means;

Manager Licensing (Process Industries)  
Department of Environment Regulation  
Locked Bag 33  
CLOISTERS SQUARE WA 6850  
Telephone: (08) 9333 7510  
Facsimile: (08) 9333 7550  
Email: industry.regulation@der.wa.gov.au;

**'code of practice for the storage and handling of dangerous goods'** means the document titled "Storage and handling of dangerous goods: Code of Practice" published by the Department of Mines and Petroleum, as amended from time to time;

**'controlled waste'** has the definition in *Environmental Protection (Controlled Waste) Regulations 2004*;

**'dangerous goods'** has the meaning defined in the *Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007*;

**'environmentally hazardous material'** means material (either solid or liquid raw materials, materials in the process of manufacture, manufactured products, products used in the manufacturing process, by-products and waste) which if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities. The storage of dangerous goods above placard quantities is regulated by the Department of Mines and Petroleum;

**'fugitive emissions'** means all emissions not arising from point sources;

**'Licence'** means this Licence numbered L7998/2003/3 and issued under the Act;

**'Licensee'** means the person or organisation named as Licensee on page 1 of the Licence;





**'Premises'** means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;

**'NATA'** means the National Association of Testing Authorities, Australia;

**'NATA accredited'** means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis;

**'Schedule 1'** means Schedule 1 of this Licence unless otherwise stated; and

**'Schedule 2'** means Schedule 2 of this Licence unless otherwise stated.

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the the standard in force from time to time during the term of this Licence.

1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.

## **1.2 General conditions**

1.2.1 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:

- (a) pollution;
- (b) unreasonable emission;
- (c) discharge of waste in circumstances likely to cause pollution; or
- (d) being contrary to any written law.

1.2.2 The Licensee shall operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.

1.2.3 The Licensee, except where storage is prescribed in section 1.3, shall ensure that environmentally hazardous materials are stored in accordance with the code of practice for the storage and handling of dangerous goods.

1.2.4 The Licensee shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.

1.2.5 The Licensee shall:

- (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
- (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises.<sup>1</sup>

Note1: *The Environmental Protection (Unauthorised Discharges) Regulations 2004* make it an offence to discharge certain materials into the environment.

## **1.3 Premises operation**

There are no specified conditions relating to Premises operation in this section.



## 2 Emissions

There are no specified conditions relating to emissions in this section.

## 3 Monitoring

### 3.1 General monitoring

3.1.1 The licensee shall ensure that:

- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
- (b) all wastewater sampling is conducted in accordance with AS/NZS 5667.10; and
- (c) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured.

3.1.2 The Licensee shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications.

### 3.2-3.4 Monitoring of point source emissions to air, surface water and groundwater

There are no specified conditions relating to monitoring of point source emissions to air, surface water or groundwater in this section.

### 3.5 Monitoring of emissions to land

There are no specified conditions relating to monitoring of emissions to land in this section.

### 3.6 Monitoring of inputs and outputs

3.6.1 The Licensee shall undertake the monitoring in Table 3.6.1 according to the specifications in that table.

Table 3.6.1: Process monitoring				
Monitoring point reference	Process description	Parameter	Units	Frequency
W1	Wastewater discharged to Collie "A" treatment plant.	Volume	m <sup>3</sup>	Each batch of wastewater sent to the Power Station.
		pH	-	
		TDS, COD	mg/L	

### 3.7 Process monitoring

There are no specified conditions relating to process monitoring in this section.

### 3.8 Ambient environmental quality monitoring

There are no specified conditions relating to ambient environmental quality monitoring in this section.

### 3.9 Meteorological monitoring

There are no specified conditions relating to meteorological monitoring in this section.





## 4 Improvements

There are no specified improvement conditions in this section.

## 5 Information

### 5.1 Records

5.1.1 All information and records required by the Licence shall:

- (a) be legible;
- (b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
- (c) except for records listed in 5.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
- (d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
  - (i) off-site environmental effects; or
  - (ii) matters which affect the condition of the land or waters.

5.1.2 The Licensee shall ensure that:

- (a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
- (b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

5.1.3 The Licensee shall complete an Annual Audit Compliance Report indicating the extent to which the Licensee has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.

5.1.4 The Licensee shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

### 5.2 Reporting

5.2.1 The Licensee shall submit to the CEO an Annual Environmental Report within 28 calendar days after the end of the annual period. The report shall contain the information listed in Table 5.2.1 in the format or form specified in that table.

Table 5.2.1: Annual Environmental Report		
Condition or table (if relevant)	Parameter	Format or form <sup>1</sup>
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
Table 3.6.1	Volume, pH, TDS and COD	None specified
5.1.3	Compliance	Annual Audit Compliance Report (AACR)
5.1.4	Complaints summary	None specified

Note 1: Forms are in Schedule 2

### 5.3 Notification

There are no specific notification requirements in this section.





## Schedule 1: Maps

### Premises map

The Premises is shown in the map below. The pink line depicts the Premises boundary.







## Schedule 2: Reporting & notification forms

These forms are provided for the proponent to report monitoring and other data required by the Licence. They can be requested in an electronic format.

### ANNUAL AUDIT COMPLIANCE REPORT PROFORMA

#### SECTION A LICENCE DETAILS

Licence Number:	Licence File Number:
Company Name:	ABN:
Trading as:	
Reporting period: _____ to _____	

#### STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS

1. Were all conditions of the Licence complied with within the reporting period? (please tick the appropriate box)

Yes  Please proceed to Section C

No  Please proceed to Section B

Each page must be initialled by the person(s) who signs Section C of this Annual Audit Compliance Report (AACR).

Initial:



## SECTION B DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.

Please use a separate page for each Licence condition that was not complied with.

a) Licence condition not complied with:	
b) Date(s) when the non compliance occurred, if applicable:	
c) Was this non compliance reported to DER?:	
<input type="checkbox"/> Yes <input type="checkbox"/> Reported to DER verbally Date _____ <input type="checkbox"/> Reported to DER in writing Date _____	<input type="checkbox"/> No
d) Has DER taken, or finalised any action in relation to the non compliance?:	
e) Summary of particulars of the non compliance, and what was the environmental impact:	
f) If relevant, the precise location where the non compliance occurred (attach map or diagram):	
g) Cause of non compliance:	
h) Action taken, or that will be taken to mitigate any adverse effects of the non compliance:	
i) Action taken or that will be taken to prevent recurrence of the non compliance:	

Each page must be initialled by the person(s) who signs Section C of this AACR

Initial:





## SECTION C

### SIGNATURE AND CERTIFICATION

This Annual Audit Compliance Report (AACR) may only be signed by a person(s) with legal authority to sign it. The ways in which the AACR must be signed and certified, and the people who may sign the statement, are set out below.

Please tick the box next to the category that describes how this AACR is being signed. If you are uncertain about who is entitled to sign or which category to tick, please contact the licensing officer for your premises.

If the licence holder is		The Annual Audit Compliance Report must be signed and certified:
An individual	<input type="checkbox"/> <input type="checkbox"/>	by the individual licence holder, or by a person approved in writing by the Chief Executive Officer of the Department of Environment Regulation to sign on the licensee's behalf.
A firm or other unincorporated company	<input type="checkbox"/> <input type="checkbox"/>	by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
A corporation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	by affixing the common seal of the licensee in accordance with the <i>Corporations Act 2001</i> ; or by two directors of the licensee; or by a director and a company secretary of the licensee, or if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
A public authority (other than a local government)	<input type="checkbox"/> <input type="checkbox"/>	by the principal executive officer of the licensee; or by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
a local government	<input type="checkbox"/> <input type="checkbox"/>	by the chief executive officer of the licensee; or by affixing the seal of the local government.

It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular. There is a maximum penalty of \$50,000 for an individual or body corporate.

I/We declare that the information in this annual audit compliance report is correct and not false or misleading in a material particular.

SIGNATURE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

NAME:  
(printed) \_\_\_\_\_

NAME:  
(printed) \_\_\_\_\_

POSITION: \_\_\_\_\_

POSITION: \_\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

SEAL (if signing under seal)



# 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