

# Application form: works approval / licence

Division 3, Part V, Environmental Protection Act 1986 (EP Act) Environmental Protection Regulations 1987 (EP Regulations)

To the Chief Executive Offi	cer
This is an application for [select only one option]	☐ Works approval
	Works approval including clearing of native vegetation (Clearing Permit)
	Concurrent works approval and licence or registration
	Registration number:[ ]
	Works approval number: [ ]
	Renewal Licence number: [ ]
	Amendment
	Licence or works approval number: [L8918/2015/1]
	Registration (works approval already obtained) Works approval number:[ ]
	Application for a clearing permit already submitted Clearing permit application number: [ ]
This application is for the	Single category of prescribed premises (specify category number): [8 Mineral Sands Mining or Processing
category/categories of prescribed premises	Multiple categories of prescribed premises
	(specify category numbers): [ ]
[Refer to DER's <u>Guidance</u> Statement: Licensing and works	All activities on the premises within category of prescribed premises of
approval process for further	Schedule 1 to the Environmental Protection Regulations 1987 have been
information on activities which will be subject to works	specified above (tick if Yes)
approval/licensing.	
INSTRUCTIONS	
requirement under section 5	e completed with all information attached. This form is a statutory i4(1)(a) for works approval applications, section 57(1)(a) for licence 5B of the <i>Environmental Protection Regulations 1987</i> for registration.
	een submitted which is incomplete or materially incorrect, the CEO will decline under the EP Act and advise the Applicant accordingly.
• The instructions set out in the instructions set out in the set	nis guideline to complete the application form are general in nature.
• A reference to 'you' in these	instructions is a reference to the Applicant.
Works approval only applies select 'Amendment'.	for new works approvals. For works approvals for existing premises, please
Concurrent applications for single application is submitted.	works approval and licence (or registrations) are encouraged. This means a red.
	nformation relating to requirements under the EP Act are recommended to State Law Publisher (www.slp.wa.gov.au)

• For premises where activities fall within more than one category of prescribed premises, ALL categories must be licensed and identified. This applies for existing licensed premises seeking renewal or amendment, as well as new licensed premises.

#### **COMPLETION MATRIX**

The matrix below explains what sections are required to be completed for different types of applications.

Application Form Section	New Application/ Registration	Renewal	Amendment
Part 1 Applicant details – section 1.1	•	•	•
Part 1 section 1.2 onwards	•	N/A	Δ
Part 2 Premises	•	N/A	Δ
Part 3 Proposed Activities	•	N/A	Δ
Part 4 Other Approvals	•	N/A	Δ
Part 5 Fit and competent operator	•	N/A	N/A
Part 6 Public health and environmental risks	•	N/A	Δ
Part 7 Siting and location	•	N/A	N/A
Part 8 – not in use			
Part 9 Submission of any other relevant information	•	lf required.	If required.
Part 10 Proposed fee calculation	•	•	•
Part 11 Submission of application	•	•	•
Acknowledgement and signature	•	•	•
Attachment 1A: Proof of Applicant status	•	N/A	N/A
Attachment 1B: ASIC Company Extract	•	N/A	N/A
Attachment 2: Map for proposed premises	•	N/A	Δ
Attachment 3A: Proposed activities	•	N/A	Δ
Attachment 3B: Map for proposed area to be cleared (only applicable if clearing is proposed)	•	N/A	N/A
Attachment 4: Other approvals	•	N/A	Δ
Attachment 5: Fit and competent operator	•	N/A	N/A
Attachment 6: Public health and environment risks	•	N/A	Δ
Attachment 7: Siting and location	•	N/A	Δ
Attachment 9: Other relevant information	If required.	N/A	If required.
Attachment 10: Proposed fee calculation	•	N/A	N/A
Attachment 11: Request for exemption from publication	If required.	N/A	If required.

Key:

Δ

Must be submitted

To the extent changed/required in relation to the amendment

N/A Not required with application, but may be requested subsequently depending on DER records

"If required" are sections for applicants to determine.

Part 1.	Applicant details			
1.1	Applicant name (full legal name)	Keysbrook Leuco	oxene Pty Ltd	
	ACN (if applicable)	137091297		
1.2	Directors details (if applicant is a small proprietary company)			
1.3	Registered business address (Registered with ASIC)			
1.4	Address for correspondence			
1.5	Contact person details	Name	Marc Morris	
		Position	HSE Manager	
		Telephone		
		Email		
1.6	Authorised representative (if any)	Name		
		Telephone		
		Email		
1.7	Applicant's representative	Name		
	(if any)	Telephone		
		Email		
1.8	Occupier status	Registered propri-	etor on certificate of title	$\boxtimes$
	[One of the options must be	Lease holder (ple	ase specify)	
	selected and if you have been asked to specify,	Public authority th	at has care, control or management of the land	
	please provide details]	contractor. Note to evidence land contractual arrang	cify – for example, joint venture operating entity or contractual arrangements will need to be provided owner's consent to occupancy arrangements. If gements are not finalised, reason why occupancy anted will need to be provided.)	
	Proof of occupier status			
1.9	[Instructions set out in Attachment 1A]	Attachment 1A c	ompleted	N/A
1.10	ASIC Company Extract [Instructions set out in Attachment 1B]	Attachment 1B c	ompleted	□ N/A

# INSTRUCTIONS

- Your full legal name must be inserted. Business names are not accepted. If a small proprietary company, the Directors' full names must also be provided.
- A proprietary is defined by ASIC as small for a financial year if it satisfies at least two of the following paragraphs:
  - the consolidated revenue for the financial year of the company and any entities it controls is less than \$25 million
  - the value of the consolidated gross assets at the end of the financial year of the company and any entities it controls is less than \$12.5 million, and
  - the company and any entities it controls have fewer than 50 employees at the end of the financial year.
- The address for correspondence can be the same as the registered business address.
- Details for a contact person must be provided (where you are an individual, you would be the contact person).
- Details for any authorised representatives must be provided (e.g. consultant) but only if you authorise that person to represent you and that person can be contacted by the Department in relation to your application.
- Details of the occupation of the premises must be provided. One of the options must be selected and if you have been asked to specify, please provide details. For example, if 'Lease holder' has been selected, please specify the type of lease—e.g. pastoral lease, mining lease, general lease.
- You must provide proof of ownership in Attachment 1. Instructions are set out in Attachment 1.

#### Part 2. Premises

boundary]	
2.3 GIS coordinates N/A - Existing facility [GIS coordinates must be provided where cadastre are not used as the premises	
2.2 Local government authority area [City, Town or Shire]	
<ul> <li>Premises legal description (whole or part to be specified)</li> <li>[Land description: volume and folio number, lot or location number(s), Crown lease or reserve number, pastoral lease number or mining tenement number of all properties, as shown on title details registered with Landgate]</li> </ul>	6207

## Department of Environment Regulation

Part 3	. Proposed activities (including clearing)		
3.1	Description/overview [Instructions set out below Attachment 3A completed and in Attachment 3A]		
3.2	Estimated operating period (based on estimated infrastructure life)	15+ years	
3.3	Proposed date for commencement of works	Construction from 14 Septer 2016	mber
3.4	Expected production	7 October 2016 (mechanica completion)	I
3.5	Design capacity	No change, As per licence	
3.6	Throughput (in addition to 3.4 or 3.5)	No change, As per licence	
3.7	Proposed clearing area (hectares and/or number of trees) - only required if application includes clearing	Nil	
3.8	Proposed method of clearing (if applicable)	N/A	
3.9	Period within which clearing is proposed to be undertaken (e.g. May 2015 – June 2015) (if applicable)	N/A	
3.10	Map of area proposed to be cleared (if applicable) [Instructions set out in Attachment 3B]		□ N/A
INSTR	UCTIONS		
E p • Y • Y a	ou must provide the scope, size and scale of all prescribed activities invironmental Protection Regulations 1987 including the maximum d roduction capacity. ou must identify emission discharge points. ou must also provide information on any other activity undertaken o risk to public health or the environment.	esign capacity and the expec n the Premises if the activity	poses
	ou only need to provide information on the processes or operations nique or non-industry standard processes or operations. Instruction		

• If you are applying for a clearing permit you must provide the period within which clearing is proposed to be undertaken (e.g. May 2017 – June 2017) and a description of the method by which it will be undertaken.

Part 4.	Other approvals and consultation			
		N/A	No	Yes
4.1	Is the proposal a Major Resource Project (formerly known as a State Development Project)?		$\boxtimes$	
	Major Resource Projects include mining and petroleum activities or infrastructure pro mining and petroleum activities.	jects whi	ich suppo	ort
4.2	Has the proposal been referred to the Environmental Protection Authority?	$\boxtimes$		
4.3	Is the proposal subject to any Ministerial conditions under the <i>Environmental Protection Act 1986</i> ?			$\boxtimes$
4.4	Has the proposal been referred or assessed under the <i>Environment Protection</i> and <i>Biodiversity Conservation Act 1999</i> (Commonwealth)?	$\boxtimes$		
4.5	Has the proposal obtained all relevant planning approvals?	$\boxtimes$		
4.6	Has the proposal obtained all other necessary statutory approvals?	$\boxtimes$		

4.7	Has consultation been undertaken with parties considered to have a direct interest in the proposal?		$\boxtimes$	
4.8	Other Approvals [Instructions set out in Attachment 4]	Attachment 4 completed		□ N/A

### Part 5. Fit and competent operator

Note: Under this section, DER will undertake an internal due diligence of the applicant's fitness and competency based on DER's compliance records.

If you wish to provide additional information for DER to consider in making this assessment, you may provide that information in Attachment 11 (where it will not be published except where an application has been made, and only in accordance with, the *Freedom of Information Act 1992*).

		No	Yes
5.1	Has the applicant held or been part of a small proprietary company that has held a previous licence or works approvals? If yes, specify name of company and/or licence or works approval instrument number in Attachment 5.		
5.2	If Yes to 5.1 or where the applicant wishes to provide additional information for DER's conside Attachment 5 completed.	eration,	_
	Note: For an applicant that is a small proprietary company, each director must complete this as an individual, and include their previous history as directors of other small propriety compa		

Part 6.	Public health and environmental risks				
		No	Yes		
6.1	Is there an <b>emission to air</b> from the activities that poses a risk to public health or the environment?	$\boxtimes$			
	(includes emissions from stacks, chimneys, baghouses, blow offs, dust, noise and odour emis	ssions)			
6.2	Is there an <b>emission to surface water</b> from the activities that poses a risk to public health or the environment?				
	(includes end of pipe or outfall emissions to river, lakes, estuary or seas and pollution from co overflow)	ontainmer	nt		
6.3	Is there an <b>emission to land</b> from the activities that pose a risk to public health or the environment?	$\boxtimes$			
	(includes point source emissions to groundwater including direct aquifer reinjection or deep well injection, as well as emissions to land through irrigation and infiltration and seepage pits.				
6.4	Is there a risk of <b>other incidents</b> arising from the activities that pose a risk to public health or the environment?				
	(includes risk of a pollution incident or unplanned event related to hazardous materials or dan stored, used or handled)	gerous g	oods		
6.5	Is there waste accepted, stored or recycled on the premises?	$\boxtimes$			
	Waste type must be described with reference to Landfill Waste Classification and Waste Define amended December 2009) or the Environmental Protection (Controlled Waste) Regulations 2 be provided on storage type (e.g. hardstand, containment infrastructure), capacity and contain (lining, bunding).	004. Det	ail must		
6.6	Public health and environmental risks [Instructions set out in Attachment 6] Attachment 6		□ N/A		

## INSTRUCTIONS

- You must provide detail on source (e.g. kiln stack), contaminants (e.g. particulates) and quantity (mg/m3) of the emission. Instructions are set out in Attachment 6.
- All material sources of emissions where there is a risk to public health or the environment, and for which there is a receptor must be identified. This includes where you may consider this to be a low risk.
- The risk to public health or the environment and proposed controls are to be specified.

Part 7.	Siting and location			
			No	Yes
7.1	Are there sensitive receptors lo premises?	ocated within specified separation distances from the		
	In considering sensitive recept <u>Distances</u> .	tors and separation distances refer to DER's Guidance Stateme	ent: Sepa	ration_
7.2	Are the premises located withi surface water, groundwater or	n or adjacent to any Specified Ecosystems such as wetlands, terrestrial areas?		
	In considering Specified Ecosystems refer to DER's <u>Guidance Statement: Environmental Siting</u> .			
7.3	Siting and Location			
	[Instructions set out in Attachment 7]	Attachment 7 completed		
INSTR	UCTIONS			

Specified Ecosystems are defined in DER's *Guidance Statement: Separation Distances.* 

Part 8	3. Assessment Framework – DO NOT COMPLETE: THIS SECTION NOT ACTIVE		
		No	Yes
8.1	Is there an emission that requires screening as per the <i>Guidance Statement: Assessment Framework</i> and underpinning emission guidelines?		
8.2	All screening assessments required under <i>Guidance Statement: Assessment Framework</i> and underpinning emission guidelines completed.	d	
8.3	All detailed assessments which may include survey/baseline monitoring, predictive modelling and any other studies required through the <i>Guidance Statement: Assessment Framework</i> completed.		
8.4	Compliance with relevant environmental standard or supporting information for variation from environmental standard.		
8.5	Assessment Framework [Instructions set out in Attachment 8 completed		

Part 9	Part 9. Submission of any other relevant information				
			No	Yes	
9	Additional information submitted	Attachment 9 completed		$\boxtimes$	
		Supplementary documentation submitted List title of supplementary document/s in Attachment 9		$\boxtimes$	

Part 10. Proposed fee calculation		
10.1	All information and data used for the calculation of proposed fees provided.	

	Detail of costs of works must include site works (e.g. levelling and drainage), construction works, plant equipment hire and labour.	and		
10.2	Fee details       Attachment 10 completed         [Instructions set out in       Attachment 10 completed			
INSTR	UCTIONS			
Fee ca	Iculators are available online to assist in completing this section.			
•	Licence fee calculator: www.der.wa.gov.au/LicenceFeeCalculator.			
•	Works approval fee calculator: www.der.wa.gov.au/WorksapprovalFeeCalculator.			
Licend	ce and works approval amendments fee calculation (from 1 August 2016).			
2016-2	e prescribed for an application for an amendment to a works approval or licence is based on a unit value 2017 of \$3.40 per unit, calculated (in accordance with regulation 5BB of the <i>Environmental Protection</i> ations 1987):	for		
•	• for a single category of prescribed premises to which the works approval or licence relates, by using the fee unit number corresponding to the prescribed premises category and relevant production or design capacity threshold in Schedule 4 Part 1 of the <i>Environmental Protection Regulations 1987</i> .			
•	• for multiple categories of prescribed premises to which the works approval or licence relates, by using the highest fee unit number corresponding to the prescribed premises categories and production design or capacity threshold in Schedule 4 Part 1 of the <i>Environmental Protection Regulations 1987</i> .			
application for the as is the second	levant fee unit under Schedule 4 Part 1 of the <i>Environmental Protection Regulations 1987</i> for calculating ation form amendment fee is to be determined by reference to the actual production or design capacity repreceding year's annual licence fee. If an annual licence fee has not previously been paid or is not appline case for works approvals, the fee unit for an application for amendment is to be determined by reference or works approval.	eporteo cable		
Part 1	1. Submission of application			
All info	rmation considered exempt from public disclosure has been separately placed in <b>Attachment 11</b> . ds for claiming exemption in accordance with Schedule 1 to the <i>Freedom of Information Act 1992</i> must			
	electronic copy has been submitted via: der.wa.gov.au	$\boxtimes$		
APPLI	ard copy has been sent to: CATION SUBMISSIONS ment of Environment Regulation			

Locked Bag 33 Cloisters Square PERTH WA 6850 Acknowledgement and signature ١,

	Marc	Morris
(name)	)	

**HSE Manager** (position)

I confirm I am authorised on behalf of the applicant to submit this application.

I confirm that I have not altered the requirements and instructions set out in this application form.

I confirm that the information contained in this application is true and correct and I acknowledge that knowingly providing information which is false or misleading in a material particular commits an offence under section 112 of the Environmental Protection Act 1986 and may incur a penalty of up to \$50,000.

I acknowledge that this application (excluding Attachment 11) is a public document and may be published. I confirm that information considered exempt from public disclosure has been placed in Attachment 11 with reasons as to why the information should be exempt in accordance with the grounds specified in Schedule 1 to the Freedom of Information Act 1992.

I acknowledge that subsequent information provided in relation to this application will be a public document and may be publish unless written notice has been given to the Department of Environment Regulation by the applicant, at the time the information is provided, claiming that the information is considered exempt from public disclosure.

I acknowledge that the decision to not publish information will be at the discretion of the Department of Environment Regulation and will be made consistently with the provisions of the Freedom of Information Act 1992.

Department of Environment Regulation 29/09/2016 Date (Signature) ATTACHMENT CHECKLIST You must ensure that you have provided all of the attachments specified below. Attachment 1A: Proof of Applicant status You must provide copies of certificate of title, lease or other instruments evincing proof of occupier status. No Yes Attachment 1B: ASIC Company Extract You must provide a company extract (showing current company information only) from ASIC. No Yes Attachment 2: Map for proposed premises You must provide an aerial photograph of sufficient scale showing the proposed premises. You must also provide a map of the proposed premises, identifying: (a) layout of key infrastructure and buildings, clearly labelled; and (b) lot boundaries, with a north arrow, clearly marking the area in which the activities are carried out and of reasonable clarity and visible scale. No Yes Π **Attachment 3A: Proposed activities** You must provide details of proposed activities, identifying: (a) scope, size and scale, including details as to frequency, production and design capacity; (b) key infrastructure and equipment; (c) unique or non-industry standard processes or operations; and (d) emissions discharge points. The Works shall include installation of an additional spiral stage to the exisiting Wet Concentrator Plant and will include the following: Supply 4 complete banks of 12 MG12 spirals, including sub frame, launders and (a) distributors; Supply of a new 200WBH Weir Warman pump complete with sub frame and TECO (b) 132kW motor. Supply of a new 3.6m<sup>3</sup> sump (C) (d) Supply of a new four (4) way pressure distributor to split the feed to the 4 spiral banks. Design, fabrication and construction of a building annex to be placed adjacent to the (e) existing building and utilising the external members as support structures. The new building includes walkways stairs and handrails to provide access to the various levels. (f) Minor excavation and pouring of 3 new footings to support the annex external

column line.

- (g) Installation of an additional sump which becomes the new re-cleaner spiral feed. The current cleaner spiral pump (PP005) will be re-located to perform this duty. Existing piping will be utilised wherever possible, but new piping will be installed to direct the flow to the existing cleaner spirals.
- (h) Replacing the existing cleaner spiral pump to cater for the increased duty requirements. This includes modifying the mounting frame, new suction piping and discharge piping to the new spiral bank.
- (i) Sheeting and Cladding Purlins and Girts will be installed above the first floor level of the annex. The existing purlins, girts and wall sheeting will be removed from the building at the new opening and used on the outside wall of the annex. New sheeting will be installed on the side walls of the new annex. A roof will be placed over the annex, with a corresponding roof line that aligns with the existing roof pitch.
- (j) Launder piping (including rubber cuffs) from the new spiral banks will be supplied and installed to gravitate the concentrate, middlings and tails to the required sumps. This includes pipe supports and clamps.
- (k) A new Variable Speed Drive (**VSD**) will be supplied and installed in the existing switch room to drive the new pump.
- (I) Power supply cable for the new VSD will be run from the switch room along existing cable trays to the termination point on the motor.
- (m) A flow meter will be provided on the new spiral line and instrument cabling will be installed (utilising existing cable routes) in the nearest IJB
- (n) New lighting will be installed in the annex. New cabling will be routed to existing power cables where a junction box will be installed to provide distribution of supply.
- (o) Dry, Wet and Process Commissioning of the new plant, including operator training.
- (p) Assistance with the performance tests after Mechanical Completion to confirm performance in accordance with the terms of the Process Guarantee.

Attack manual OD. May	 a a a a l a sa a ta b a a	leaved (exclusion		
Antaichment SB- Wal	nosed area to be c	leared tonly a	Clearing is propo	sen.
Attachment 3B: Maj			orouning to propo	500)

You must provide an aerial photograph or map of sufficient scale showing the proposed clearing area and premises boundary *or* 

if you have facilities a digital map on CDROM of the area to clear as an ESRI shapefile with the following properties:

- •Geometry type: polygon shape
- •Coordinate system: GDA 1994 (Geographic latitude/longitude)

Datum: GDA 1994 (Geocentric Datum of Australia 1994)

No	Yes

No

 $\square$ 

Yes

Π

#### Attachment 4: Other approvals

You must provide details of other approvals specified in section 4 of this application, including copies of relevant decisions and any consultation undertaken with interested parties.

					No	Yes
Atta	chment 5: Fit and compete	nt operator			I	I
			companies that you have been vide the licence or works appr			
					No	Yes
Atta	chment 6: Public health an	d environment risks				
	<ul> <li>(a) Source of emissions, Sp of specific emission qua emissions arising from i</li> <li>(b) Waste type (including w</li> </ul>	pecific emissions, Receptors ntities may not be relevant for ncidents or unplanned event aste generated onsite), quar	k (including risks you have as and proximity and Proposed c or some emissions such as od s. ntity, storage and location of w remises in Schedule 1 to the E	controls our, no aste wl	. Providing ise and du hich relate	) details st or to
Set o	but below is a suggested forr	nat for specifying waste type	S.			
	Waste Type	Quantity	Storage	Loca	tion	
Atta	chment 7: Siting and locati	on				
You must provide a map showing siting and location of the premises to a 5km radius including identification of distances to sensitive receptors. Calculation of distance should be made in accordance with the <i>Guidance Statement: Environmental Siting</i> and the <i>Guidance Statement: Separation Distances</i> . Should the premises be in locations identified through <i>Guidance Statement: Environmental Siting</i> , further information including depth to groundwater, water quality and beneficial uses must be provided.						
Attac	Attachment 8: Assessment Framework – NOT IN USE					
N/A						
Attachment 9: Other relevant information						
Appl	icants seeking to submit furt	ner information may include	information in Attachment 9.			
Whe	re supplementary document	ation is submitted, please sp	ecify name of documents belo	w.		
					No	Yes
Atta	chment 10: Proposed fee	calculation				
In the form provided: see following Attachment.						
					No	Yes
Attachment 11: Request for exemption from publication						
In the form provided: see following Attachment						
					No	Yes

## Department of Environment Regulation

Attachment 10: Proposed fee calculation				
Summary of proposed fees				
Proposed works approval fee (see	Schedule 3 of the E	nvironmental Protection Regu	ılations 1987)	
Fee component			Proposed fee	Э
Cost of works: \$				\$
Proposed licence fee (see Schedul	e 4 of the Environme	ental Protection Regulations	1987)	
Part 1 Component				
Part 2 Component				
Part 3 Component				
Total proposed licence fees:				\$
Proposed works approval and licer <i>Regulations 1987</i> and Part 10 of th		see Schedule 4 Part 1 of the	Environmenta	l Protection
Fee units			Proposed fee	e
				\$
Note: (1) DER has fee calculators - Licence: <u>www.der.wa.gov.</u> - Works approval: <u>www.der.</u>	au/LicenceFeeCalcu wa.gov.au/WorksAp	<u>lator;</u> and provalFeeCalculator.		
(2) Different Fee Units apply depending on the pe		nponents. Fee Units may als culation is made.	o have differen	it amounts
(3) Refer to Part 10 of this a works approvals and		structions on fee calculations	for application	is to amend
Detailed breakdown of proposed	licence fees			
Premises component				
Proposed licence fee: Part 1 Premi	ses (see Part 1 of Se	chedule 4 of the Environment	al Protection F	Regulations 1987)
Premises:				
Sub total				\$
Discharges to air, onto land, into w	aters			
Proposed licence fee: Part 3 Disch (see Part 3 of Schedule 4 of the Er	arges to air	ion Regulations 1987)		
Discharges to air	Discharge quantity	Discharges to air		Discharge quantity
Carbon monoxide		Nickel		
Oxides of nitrogen		Vanadium		
Sulphur oxides		Zinc		
Particulates (PM <sub>10</sub> and PM <sub>2.5</sub> )		Vinyl chloride		
Volatile organic compounds		Hydrogen sulphide		
Inorganic fluoride		Benzene carbon oxysul	ohide	
Aluminium		Carbon disulphide		
Arsenic		Acrylates		
Chromium		Beryllium		
Cobalt		Cadmium		
Copper		Mercury		

# Department of Environment Regulation

Lead	TDI (toluene-2, 4-di-iso-cyanate)	
Manganese	MDI (diphenyl-methane di-iso-cyanate)	
Molybdenum	Other waste	
Subtotal		\$
Proposed licence fee: Part 3 Discharges onto land c (see Part 3 of Schedule 4 of the Environmental Protect		
Discharges onto land or into waters		Discharge quantity
<ol> <li>Liquid waste that can potentially deprive receiving waters of oxygen (for each kilogram discharged per day) —</li> </ol>	<ul> <li>(a) biochemical oxygen demand (in the absence of chemical oxygen demand limit)</li> </ul>	
	(b) chemical oxygen demand (in the absence of total organic carbon limit)	
	(c) total organic carbon	
2. Biostimulants (for each kilogram discharged	(a) phosphorus	
per day) —	(b) total nitrogen	
<ol> <li>Liquid waste that physically alters the characteristics of naturally occurring waters —</li> </ol>	(a) total suspended solids (for each kilogram discharged per day)	
	(b) surfactants (for each kilogram discharged per day)	
	<ul> <li>(c) colour alteration (for each platinum cobalt unit of colour above the ambient colour of the waters in each megalitre discharged per day)</li> </ul>	
	<ul> <li>(d) temperature alteration (for each 1°C above the ambient temperature of the waters in each megalitre discharged per day) —</li> </ul>	
	(i) in the sea south of the Tropic of Capricorn	
	(ii) in other waters	
<ol> <li>Waste that can potentially accumulate in the environment or living tissue (for each kilogram discharged per day) —</li> </ol>	(a) aluminium, arsenic, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, vanadium and zinc	
	(b) pesticides	
	(c) fish tainting wastes	
	(d) manganese	
<ol> <li>E coli bacteria as indicator species (in each megalitre discharged per day) —</li> </ol>	(a) 1 000 to 5 000 organisms per 100 ml	
	(b) 5 000 to 20 000 organisms per 100 ml	
	(c) more than 20 000 organisms per 100 ml	
<ol> <li>Other waste (per kilogram discharged per day) —</li> </ol>	(a) oil and grease	
uay) —	(b) total dissolved solids	
	(c) fluoride	

	(d) iron			
	(e) total residual chlorine			
	(f) other			
Subtotal			\$	
Information and data used to calculate proposed fees				
The detailed calculations of fee components, including provided in the specified annexures to this application.	all Information and data used	for the calcula	tions are	
Proposed fee for works approval		Annexure N	D	
Details for cost of works				
Proposed fee for licence		Annexure No	)	
Part 1: Premises				
Part 2: Waste types				
Part 3: Discharges to air, onto land, into waters				
Prescribed fee for clearing permit (only required if clearing deviates or extends from that proposed in works approval or licence application)				
Please indicate the clearing permit application fee Area Permit:				
□ \$50 for an area of less than one hectare				
□ \$100 for an area between one hectare and 10 hectares				
\$200 for an area of more than 10 hectares				
Purpose Permit:				
A \$200 fee is required for all purpose permit application	ations			

Attachment 11: Request for exemption from publication			
Information which you consider should not be published on the grounds for claiming exemption in accordance with Schedule 1 to the <i>Freedom of Information Act 1992</i> must be specified in this Attachment.			
NOT FOR PUBLICATION IF GROUNDS FOR EXEMPTION	N ARE DETERMINED		
Section [x]: Ground for claiming exemption:			
Section [x]:	Ground for claiming exemption:		