



Application for Licence

Part V Division 3 of the *Environmental Protection Act 1986*

Licence Number	L9368/2022/1
Applicant	Enviroclean (Victoria) Pty Ltd
ACN	144 794 347
File number	DER2022/000650
Premises	Warthog Workshop Washers Unit 8, 51 Prindiville Drive WANGARA WA 6065 Legal description Lot 8 on Plan 75890 Certificate of Title Volume 2931 Folio 567 As defined by the premises map attached to the issued licence
Date of report	14 February 2023
Decision	Licence granted

MANAGER, PROCESS INDUSTRIES

REGULATORY SERVICES

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

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1. Decision summary

This decision report documents the assessment of potential risks to the environment and public health from emissions and discharges during the operation of the premises. As a result of this assessment, licence L9368/2022/1 has been granted.

2. Scope of assessment

2.1 Regulatory framework

In completing the assessment documented in this decision report, the Department of Water and Environmental Regulation (the department; DWER) has considered and given due regard to its regulatory framework and relevant policy documents which are available at <https://dwer.wa.gov.au/regulatory-documents>.

2.2 Application summary and overview of premises

On 28 November 2022, the applicant submitted an application for a licence to the department under section 57 of the *Environmental Protection Act 1986* (EP Act). The application is to operate Warthog Workshop Washers, a facility for recycling of degreaser (narrow -cut kerosene) on Prindiville Drive in an industrial area of Wangara (premises) approximately 450m from nearest residence.

The applicant has been operating a solvent distilling operation in Bibra Lake since 2017 (L9047/2017/1) and has relocated to the new premises in Wangara. The applicant manufactures, leases and sells workshop part washers to mechanical workshops. The washers are periodically serviced and used solvent containing mineral oils is transported to the recycling facility where the applicant uses a sealed still to distil the solvent thereby producing clean solvent and waste oil. Clean solvent is returned to parts washing machines and waste oil is disposed of to a licenced facility for recycling or destruction

The premises relates to the category 39, chemical or oil recycling and assessed production capacity of 15 tonnes per annum under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in works approval W6703/2022/1. The infrastructure and equipment relating to the premises category and any associated activities which the department has considered in line with *Guideline: Risk Assessments* (DWER 2020) are outlined in licence L9368/2022/1.

3. Risk assessment

The department assesses the risks of emissions from prescribed premises and identifies the potential source, pathway and impact to receptors in accordance with the *Guideline: Risk Assessments* (DWER 2020).

To establish a risk event there must be an emission, a receptor which may be exposed to that emission through an identified actual or likely pathway, and a potential adverse effect to the receptor from exposure to that emission.

3.1 Source-pathways and receptors

3.1.1 Emissions and controls

The key emissions and associated actual or likely pathway during premises operation which have been considered in this decision report are detailed in Table 1 below. Table 1 also details the control measures the applicant has proposed to assist in controlling these emissions, where necessary.

Table 1: Proposed applicant controls

Emission	Sources	Potential pathways	Proposed controls
Operation			
Odour	Stored solvent and distillation.	Airborne/Wind	Still is sealed vacuum still. Transfer of liquids by vacuum. IBCs sealed when not in use.
Leaks and spills of solvent	Stored IBCs Still	Direct discharge to land or stormwater infrastructure	Bunding to be installed both to contain the stored solvent and still and to bund the entire workshop. Bund to comply with AS1940.1917 Additional banded pallet for IBCs

3.1.2 Receptors

In accordance with the *Guideline: Risk Assessment* (DWER 2020), the Delegated Officer has excluded the applicant's employees, visitors, and contractors from its assessment. Protection of these parties often involves different exposure risks and prevention strategies and is provided for under other state legislation.

Table 2 below provides a summary of potential human and environmental receptors that may be impacted as a result of activities upon or emission and discharges from the prescribed premises (*Guideline: Environmental Siting* (DWER 2020)).

Table 2: Sensitive human and environmental receptors and distance from prescribed activity

Human receptors	Distance from prescribed activity
Residential Premises	450 metres from boundary of premises
Environmental receptors	Distance from prescribed activity
Underlying groundwater (non-potable purposes)	Approx. 36 m

3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guideline: Risk Assessments* (DWER 2020) for each identified emission source and takes into account potential source-pathway and receptor linkages as identified in Section 3.1. Where linkages are in-complete they have not been considered further in the risk assessment.

Where the applicant has proposed mitigation measures/controls (as detailed in Section 3.1), these have been considered when determining the final risk rating. Where the delegated officer considers the applicant's proposed controls to be critical to maintaining an acceptable level of risk, these will be incorporated into the licence as regulatory controls.

Additional regulatory controls may be imposed where the applicant's controls are not deemed sufficient. Where this is the case the need for additional controls will be documented and justified in Table 3.

Licence L9368/2022/1 that accompanies this decision report authorises emissions associated with the operation of the premises i.e. category 39 activities.

The conditions in the issued licence, as outlined in Table 3 have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

Table 3: Risk assessment of potential emissions and discharges from the premises during operation

Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Reasoning
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
Operation								
Distilling narrow cut kerosene for parts washing machines	Odour	Air/windborne pathway causing impacts to amenity	Residential premises 460 m north and surrounding businesses	Refer to Section 3.1	C = Slight L = Unlikely Low Risk	Y	Condition 1	Activity is small scale with equipment (containers and still) located in a building. Site located in an industrial area. Offsite odour impacts not expected if applicant implements proposed controls.
	Spills of hydrocarbon solvent	Overland runoff potentially causing ecosystem disturbance or impacting surface water quality	Local stormwater infrastructure	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	Y	Conditions 1, 6	Potential for impacts to soil and groundwater, however activity is small scale, located within industrial area and applicant has proposed acceptable design controls for bunding and containment.

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the *Guideline: Risk Assessments* (DWER 2020).

Note 2: Proposed applicant controls are depicted by standard text. **Bold and underline text** depicts additional regulatory controls imposed by department.

4. Consultation

Table 4 provides a summary of the consultation undertaken by the department.

Table 4: Consultation

Consultation method	Comments received	Department response
Application advertised on the department's website on 3/1/2023	None received	N/A
Local Government Authority advised of proposal on 3/1/2023	None received	N/A
Applicant was provided with draft documents on 01 February 2023	Response received on 03 February 2023, advising no comments on the draft instrument and requesting a waiver of the remaining comment period.	Noted.

5. Decision

Based on the assessment in this decision report, the delegated officer has determined that a licence will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements. The delegated officer's decision took into account the following:

- Size and scale of the proposed activity, including that it will be located within a building with sealed equipment;
- Location within an industrial area and approx. 460m from the nearest residential receptor;
- The primary risk of impacts is associated with potential soil or groundwater impacts in the event of spills. Conditions on the licence consistent with the applicant's proposed controls are considered adequate to manage the risk of potential impacts.

References

1. Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
2. Department of Water and Environmental Regulation (DWER) 2020, *Guideline: Environmental Siting*, Perth, Western Australia.
3. DWER 2020, *Guideline: Risk Assessments*, Perth, Western Australia.

Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY					
Application type					
Licence	☒	Relevant works approval number:	W6703/2022/1	None	<input type="checkbox"/>
		Has the works approval been complied with?		Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/>
		Has time limited operations under the works approval demonstrated acceptable operations?		Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
		Environmental Compliance Report submitted?		Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/>
		Date Report received: 3 November 2022			
Date application received		28 November 2022			
Applicant and Premises details					
Applicant name/s (full legal name/s)		Enviroclean (Victoria) Pty Ltd			
Premises name		Warthog Washers			
Premises location		Unit 8, 51 Prindiville Drive, WANGARA WA 6065			
Local Government Authority		City of Wanneroo			
Application documents					
HPCM file reference number:		DWERDT692549			
Key application documents (additional to application form):		Compliance certificate.			
Scope of application/assessment					
Summary of proposed activities or changes to existing operations.		Operation of Solvent recycling facility. Premises operates a still for distillation of narrow cut kerosene from parts washing machines.			
Category number/s (activities that cause the premises to become prescribed premises)					
Table 1: Prescribed premises categories					
Prescribed premises category and description		Assessed production or design capacity		Proposed changes to the production or design capacity (amendments only)	
Category 39: Chemical or oil recycling		15 tonnes per annum		NA	
Legislative context and other approvals					
Has the applicant referred, or do they intend to refer, their proposal to the EPA under Part IV of the EP Act as a significant proposal?		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"/>	
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Ministerial statement No: EPA Report No:	
Has the proposal been referred and/or assessed under the EPBC Act?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Reference No:	

Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Certificate of title <input type="checkbox"/> General lease <input checked="" type="checkbox"/> Expiry: Mining lease / tenement <input type="checkbox"/> Expiry: Other evidence <input type="checkbox"/> Expiry:
Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Approval: Expiry date: If N/A explain why: City of Wanneroo advised no further planning approval required.
Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	No clearing is proposed.
Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	No clearing is proposed.
Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Licence / permit not required.
Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name: N/A
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Name: N/A
Is the Premises subject to any other Acts or subsidiary regulations (e.g. <i>Dangerous Goods Safety Act 2004</i> , <i>Environmental Protection (Controlled Waste) Regulations 2004</i> , <i>State Agreement Act xxxx</i>)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>Dangerous Goods Safety Act 2004</i> <i>Environmental Protection (Controlled Waste) Regulations 2004</i>
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i> ?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Classification: N/A Date of classification: N/A