



Application for Licence Amendment

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

Licence Number	L5765/1994/11
Licence Holder	AWE Perth Pty Ltd
ACN	009 204 031
File Number	DER2014/001481-1
Premises	<p>Dongara Production Facility</p> <p>Petroleum Production Licences L1 and L2</p> <p>Brand Highway, Yardarino</p> <p>DONGARA WA 6525</p> <p>Part of Lot 1 and Lot 2 on Diagram 41317</p> <p>As defined by the Premises maps attached to the Revised Licence</p>
Date of Report	10 January 2024
Decision	Revised licence granted

A/Manager, Process Industries

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

Table of Contents

1. Decision summary	1
2. Scope of assessment	1
2.1 Regulatory framework	1
2.2 Application summary	1
2.2.1 CO ₂ injection	1
2.3 Department of Mines, Industry Regulation and Safety approval.....	2
3. Risk assessment.....	3
3.1 Source-pathways and receptors	3
3.1.1 Emissions and controls	3
3.1.2 Receptors.....	4
3.1.3 Groundwater and geological characteristics	4
3.1.4 Water regulation assessment	5
3.2 Risk ratings.....	6
4. Consultation	8
5. Conclusion	9
5.1 Summary of amendments.....	9
6. References	10
7. Appendix 1: Summary of Licence Holder's comments on risk assessment and draft conditions.....	11
8. Appendix 2: Application validation summary	13
Table 1: Licence Holder proposed controls	3
Table 2: Risk assessment of potential emissions and discharges from the Premises during operation.....	6
Table 3: Consultation	8
Table 4: Summary of licence amendments	9

1. Decision summary

Licence L5765/1994/11 is held by AWE Perth Pty Ltd (AWE/Licence Holder/applicant) for the Dongara Production Facility (the Premises), located on a portion of Petroleum Licence Lots 1 and 2 on Plan 41317 Brand Highway, Yardarino, WA 6525.

This Amendment Report documents the assessment of potential risks to the environment and public health from proposed changes to the emissions and discharges during the operation of the Premises. As a result of this assessment, Revised Licence L5765/1994/11 has been granted.

2. Scope of assessment

2.1 Regulatory framework

In completing the assessment documented in this Amendment Report, the department 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

On 2 May 2023, the Licence Holder submitted an application to the department to amend Licence L5765/1994/11 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). The amendment application sought approval to inject carbon dioxide (CO₂), as part of a short-term trial, into the Dongara gas reservoir, utilising an existing suspended production well.

This amendment pertains to changes to Category 10 activities from the Existing Licence and is limited only to the proposed injection activities that are expected to last 1 – 2 days.

Additionally, the Delegated Officer has determined to incorporate further minor administrative modifications as part of the licence amendment. The revisions to the Existing Licence are limited to the following aspects:

- Updating the format and appearance of the licence; and
- Correcting clerical mistakes and unintentional errors.

2.2.1 CO₂ injection

The applicant plans to inject up to 54 tonnes of industrial grade liquid CO₂ into a permeable and depleted gas reservoir, utilising an existing suspended production well, Dongara-23. The purpose of the injection is to investigate feasibility of CO₂ injection into a depleted reservoir as part of the wider Low-Carbon Ammonia Development (LCAD) Opportunity.

Pressure will be limited to a maximum of 1000 psi to protect integrity of the well and the total duration is expected to last 7-14 days including connection and testing of equipment, injection of CO₂ and well flushing. The CO₂ injection itself is expected to be over 1 - 2 days at an injection rate of approximately 1000-5000 kg/hr. Onsite preparation for the injection will be undertaken during day only, while 24-hour operation is intended during well intervention and CO₂ injection.

The operational sequence of the project is as follows:

- Mobilisation and connection of equipment;
- Pressure test equipment with water;
- Purge CO₂ lines;
- Test Dongara-23 facilities and well to 1000 psi;

- Pull downhole tubing plug in the well with slickline;
- Pump slug of treated water;
- Install downhole memory gauges;
- Initiate startup for steam exchanger and CO₂ pumps;
- Start pumping CO₂ at 1-5 tonne/hr to establish baseline;
- Conduct step rate test with CO₂ per prescribed program;
- Shut down CO₂ facility;
- Bullhead and flush well with treated water to push CO₂ into Dongara Reservoir;
- Retrieve downhole memory gauges;
- Install tubing plug;
- Fill up tubing with treated water; and
- Shut in well and demobilise equipment.

The Dongara-23 well was not originally designed specifically for CO₂ injection; however, it has been reviewed and confirmed suitable for the CO₂ injection assessment conditions. As the well is currently constructed, there will be no environmental commissioning undertaken.

2.3 Department of Mines, Industry Regulation and Safety approval

The *Petroleum and Geothermal Energy Resources Act 1967* (PGER Act) does not currently provide for implementing a CO₂ injection activity. However, the applicant has engaged with the Department of Energy, Mines, Industry Regulation and Safety (DEMIRS) and the Minister for Mines and Petroleum, Energy, Hydrogen Industry and Industrial Relations and it has been determined that the project will be subject to DEMIRS regulation through a Well Management Plan (WMP) and Safety Case. The WMP, evaluated by DEMIRS, will address the technical and administrative aspects of the project, including:

- Activity specifications – volume, injection rate, and activity duration;
- Well integrity – the applicant must demonstrate the well's integrity for the intended activity; and
- Monitoring plan – focusing on pressure data.

On 22 November 2023, the WorkSafe Petroleum Safety and Dangerous Goods Directorate at DEMIRS approved the “*Perth Basin Operations Safety Case Addendum – CO₂ Injection Assessment*”. Further, on 7 December 2023, the Minister for Mines and Petroleum approved the Dongara 23 WMP for the CO₂ injection activity.

Advice from DEMIRS indicates that:

- the WMP submission covers 54 tonnes of CO₂ injection into the Dongara 23 well, well integrity monitoring and the commitment to plug and abandon the Dongara 23 well;
- Every phase of the operations will be carried out under two well barrier envelopes as per industry best practice and international standards to prevent escape of CO₂ from the wellbore to surface or into the shallow aquifer (shallow groundwater) which is isolated behind the surface casing;
- CO₂ gas monitoring devices will be stationed at strategic locations at the wellsite, monitoring for surface leaks during the injection test. Personnel CO₂ gas monitoring devices will be utilized during the injection test on key operational personnel;
- Subsurface and surface monitoring (pressure, temperature and flow rate) will be carried

out during the CO₂ injection operations to ensure operational safety and control;

- After injection operations, well inspections will be carried out quarterly that include Christmas tree and Wellhead visual inspections and surface pressure readings; and
- AWE has proposed the Dongara 23 plugging and abandonment within approximately 12 months from the completion of the CO₂ injection activity. The plugs will be made from materials that will permanently isolate the injected CO₂.

Additionally, the Licence Holder has developed a Bridging Document to the Perth Basin Well Intervention Activities Environment Plan (WIA EP) with a commitment to ensure internal compliance with its provisions.

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 the Premises operation which have been considered in this Amendment Report are detailed in Table 1 below. Table 1 also details the proposed control measures the Licence Holder has proposed to assist in controlling these emissions, where necessary.

Table 1: Licence Holder proposed controls

Emission	Sources	Potential pathways	Proposed controls
CO ₂	Injection into well including any fugitive atmospheric emissions and accidental subsurface release of CO ₂ .	Air/windborne pathway. Migration of CO ₂ into aquifer.	Proposed injection is a small test volume (54 tonnes), stored in 3 separate ISO tanks of 18 tonnes each. Short duration of project. Pressure to be limited to a maximum of 1000 psi. Venting, only as a contingency in an emergency. Production annulus pressure and well barrier elements to be monitored throughout project, including quarterly pressure surveys post injection. Groundwater to be monitored. Well Management Plan (WMP).
Noise	Mobile equipment operated on site including	Air/windborne pathway.	Cold venting of CO ₂ will produce sound at low levels. Injection assessment being undertaken at

Emission	Sources	Potential pathways	Proposed controls
Light	compressors and generators.		low pressure and low rates.
			<p>Preparations/rigging up limited to day time only.</p> <p>Only well intervention and CO₂ injection to occur for 24 hours whilst all other preparation and testing limited to day operation.</p> <p>Light towers (3) will be directed inwards within the Dongara Production Facility (DPF) and Dongara-23 well site.</p> <p>Brand Hwy is shielded from the DPF by tree line.</p>

3.1.2 Receptors

In accordance with the *Guideline: Risk assessments* (DWER 2020), the Delegated Officer has excluded employees, visitors and contractors of the Licence Holder's 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
Nearest residential premises	1.1 km to the south-west
Environmental receptors	Distance from prescribed activity
<p>Arrowsmith Groundwater Area</p> <p>Proclaimed groundwater area under the <i>Rights in Water and Irrigation Act 1914</i> (RiWI).</p>	<p>Premises located within groundwater area.</p> <p>The two major aquifers of that intersect both the Arrowsmith Groundwater Area and the prescribed premise are:</p> <ul style="list-style-type: none"> • Yarragadee Formation; and • Superficial Swan. <p>Refer to Section 3.1.3.</p>
Irwin River	Intersects the prescribed premises, located 360 m to the west of the wellsite

3.1.3 Groundwater and geological characteristics

The two major aquifers that intersect the prescribed premise are the Yarragadee Formation and the Superficial Swan. The disused Dongara/Wagina Formation that is targeted for the project contains multiple reservoir and seal pairs between the Permian Dongara Formation and the Yarragadee Formation where the Yarragadee Aquifer lays.

The Dongara Formation is overlain by the Kockatea Shale, which is over 250 m thick at the Dongara-23 location, and laterally extensive across the North Perth Basin. This acts as the primary reservoir seal and is proven to be competent given its ability to trap commercial quantities of gas and oil over geological time. The Cattamarra Coal Measures, which are over 200 m thick at this location, are expected to act as a secondary seal. Both seals are very likely to prevent any upwards migration of CO₂ into the overlying Yarragadee aquifer.

The applicant has engaged third party environmental consultants to undertake a baseline groundwater and surface water assessment in 2020 and have advised that no dissolved CO₂ had been detected to date, within groundwater in the region. The applicant has also conducted reservoir simulation modelling which confirms that the injected CO₂ will not reach any of the nearby wells in the Dongara field, and as the proposed injection is for testing purpose and is considered a small volume, reservoir pressure should be essentially unchanged from its current depleted state.

3.1.4 Water regulation assessment

Hydrogeological advice was sought from DWER technical experts regarding the potential impacts to groundwater quality that may occur from the proposed injection of CO₂ (as proposed in this application) into the reservoir and specifically, any known sensitivities of the groundwater features in the local or regional context that may be impacted by the proposed activities.

The review included an assessment of Well Management Plan Dongara-23 provided by the applicant and potential impacts on the well and surrounding area. Advice received indicated that the Yarragadee aquifer lays between 4.5 m - 660 m, and the formation targeted for the re-injection (Dongara Sandstone/Wagina Sandstone) starts at 1589 m. There are multilayered formations and confining layers, 929 m thick, present between the Yarragadee aquifer and targeted formation. The potential impacts to groundwater quality which may occur from the injection of CO₂ would be limited due to the thick multilayered system and multiple seal pairs present between the Yarragadee Aquifer and the targeted layer.

3.2 Risk ratings

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

Where the Licence Holder 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 Licence Holder'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 Licence Holder's controls are not deemed sufficient. Where this is the case the need for additional controls will be documented and justified in Table 2..

The Revised Licence L5765/1994/11 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises i.e. CO₂ injection activities.

The conditions in the Revised Licence have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

Table 2. Risk assessment of potential emissions and discharges from the Premises during operation

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls			
Operation							
Fugitive atmospheric emissions during injection.	CO ₂	Air/windborne pathway causing impacts to health and amenity.	Nearest residential premises 1.1 km to the south-west.	Refer to Section 3.1.1	C = Slight L = Unlikely Low Risk	Y	Atmospheric emissions associated with operations are fugitive and venting only to occur because of an emergency. Atmospheric emissions are inherently a part of the existing Licence, and activities associated with this amendment are not considered to result in significant changes in risk.

Risk Event					Risk rating ¹ C = consequence L = likelihood	Licence Holder's controls sufficient?	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls			
Accidental subsurface release of CO ₂		Migration of CO ₂ into aquifer.	Premises within Arrowsmith Groundwater area (overlying Yarragadee aquifer).	Refer to Section 3.1.1	C = Minor L = Unlikely Medium Risk	N	<p>The Delegated Officer notes that the proposed re-injection proposal is for a short duration and includes only minor quantities. The Delegated Officer considers that the controls proposed by the Licence Holder are generally sufficient to manage this risk.</p> <p>The Delegated Officer considers however that the Premises existing groundwater monitoring is not likely to be sufficient in the timely identification of CO₂ migration risks. As a result, the Delegated Officer has expanded the monitoring suite and increased the monitoring frequency for monitoring bores adjacent to the re-injection activity for a targeted period. As part of the change, the Delegated Officer has also included existing monitoring bore DPF NW into the updated monitoring table, as this monitoring bore is located closest to the proposed re-injection activity and is currently monitored by the Licence Holder. The Delegated Officer has also included reporting conditions that will require the Licence Holder to submit data relevant to the proposed re-injection activity.</p>
Mobile equipment operated on site including compressors and generators.	Noise	Air/windborne pathway causing impacts to health and amenity	Nearest residential premises 1.1 km to the south-west	Refer to Section 3.1.1	C = Slight L = Unlikely Low Risk	Y	Noise levels are not expected to reach or exceed sound levels that already provided for in the existing licence; therefore, there is no change to the risk profile for noise emissions. No additional regulatory controls proposed.
	Light			Refer to Section 3.1.1	C = Slight L = Unlikely Low Risk	Y	No additional regulatory controls proposed.

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

4. Consultation

Table 3 provides a summary of the consultation undertaken by the department.

Table 3: Consultation

Consultation method	Comments received	Department response
Local Government Authority, Shire of Irwin, advised of proposal 31 May 2023	None received	N/A
Yamatji Southern Regional Corporation advised of proposal 31 May 2023	None received	N/A
Department of Energy, Mines, Industry Regulation and Safety (DEMIRS) advised of proposal 31 May 2023	<p>DEMIRS replied on 15 December 2023 providing an update on the scope and approval of the Well Management Plan for the proposed activity. DEMIRS also advised that:</p> <ul style="list-style-type: none"> - The environmental aspects of the CO₂ injection activity did not provide for soil gas monitoring or groundwater monitoring. - Acknowledging the short duration of the CO₂ injection operations and the finite relatively small volume of CO₂ to be injected, DEMIRS considers that soil gas monitoring is not proportionate to the low risk of the activity, and notes there are a range of diffuse, background and other potential sources near the activity location that may influence/confound results and that may deplete their value in assessing compliance. - DEMIRS is aware that AWE have existing groundwater monitoring wells at the Dongara Production Facility and understands that AWE propose to undertake post-injection groundwater monitoring under its Perth Basin Surveillance Sampling Program (PB-HSE-PGM-001) for the CO₂ injection activity. The analytes currently monitored under that sampling program include appropriate field and laboratory parameters, such as pH, and are likely to be suitable to detect unintended changes in groundwater parameters. - There is also the potential for unintentional spills associated with surface operations involving vehicles, equipment and machinery at the Dongara 23 well site. DWER may wish to consider the suitability of existing groundwater monitoring wells to detect impacts associated with such unplanned surface spills at the Dongara 23 well site or whether other suitable arrangements are in place. 	<p>Noted. The Existing Licence includes ambient groundwater monitoring requirements consistent with the current care and maintenance status of the Premises. As detailed in Section 3.2, additional controls have been incorporated into the Licence to monitor ambient groundwater associated with this proposal.</p>

Licence Holder was provided with draft documents on 20 December 2023	The applicant provided comments on 2 January 2024. The summarised applicant provided comments are provided in Appendix 1.	DWER responses to applicant comments are provided in Appendix 1.
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5. Conclusion

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

5.1 Summary of amendments

Table 4 provides a summary of the proposed amendments and will act as record of implemented changes. All proposed changes have been incorporated into the Revised Licence as part of the amendment process.

Table 4: Summary of licence amendments

Condition no.	Proposed amendments
Instrument log	Inclusion of current amendment details.
Throughout	<ul style="list-style-type: none"> Update and replace condition wording (shall to must) to reflect current condition formatting. Spacing, semi-colons, full stops, lowercase and upper-case lettering have been added and/or removed throughout the licence where these were originally not included or were no longer required. Use of capital letters updated to lower case to align with the department's corporate style guide. Key words including Licence, Licence Holder, Premises, are now demonstrated in lower case. Reference to table footnotes updated to superscript text. 'mg/l' has been updated to 'mg/L' for consistency in unit formatting across the entire licence. Updated references to the outdated Department of Mines and Petroleum to the current Department of Energy, Mines, Industry Regulation and Safety (DEMIRS) to align with the current department name.
1.1.2 Interpretation	Inclusion of CO ₂ in relevant definitions.
2.6.1 CO ₂ Injection	Additional condition added to specify emission point and requirements for CO ₂ injection.
3.5.1 Groundwater monitoring	Inclusion of monitoring bore DPF NW onto the Licence.
3.5.2 (new table) Groundwater monitoring	Inclusion of discrete groundwater monitoring associated for CO ₂ re-injection activity
4.2.1 (table 4.2.1)	Inclusion of ambient groundwater monitoring reporting for Table 3.5.1.
4.2.2 (new condition) Reporting	Inclusion of CO ₂ re-injection report.
Schedule 2: Forms (Form GR1)	The removal of emission point '30 Group (SE)', acknowledging that this monitoring location was removed from the licence in 2016, and the current licence conditions do not require monitoring at this specific location.

6. 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.

7. Appendix 1: Summary of Licence Holder's comments on risk assessment and draft conditions

Relevant condition or section within corresponding document	Summary of Licence Holder's comment	Department's response
DRAFT decision report (L5765/1994/11)		
Section 2.3	Section 2.3 refers to DEMIRS assessing the CO2 Injection Assessment via a "Bridging Document to the Perth Basin Well Intervention Activities Environment Plan (WIA EP)" this is not correct, the project was only assessed via the Safety Case and Well management Plan. Although MEPAU have created a Bridging document and will comply with it internally, it was not assessed and approved by DEMIRS.	The Delegated Officer is satisfied with the Licence Holder's proposed updates. Section 2.3 (decision report) has been updated accordingly.
	Please amend the text in section 2.3 to "AWE has proposed the Dongara 23 plugging and abandonment within approximately 12 months."	
DRAFT licence (L5765/1994/11)		
<ul style="list-style-type: none">Premises description and licence summarySection 2.2, condition 2.2.1 (Table 2.2.1)	The Licence Holder has put forward several additional amendments that are unrelated to the licence amendment application for injection activities submitted on 2 May 2023.	<p>The Delegated Officer has determined that the additional proposed amendments, those not related to the licence amendment application for injection activities submitted on 2 May 2023, will not be addressed in this current licence amendment.</p> <p>The Licence Holder has been requested to submit a separate licence amendment application for these specific aspects.</p>

Relevant condition or section within corresponding document	Summary of Licence Holder's comment	Department's response
Condition 4.2.2	The License Holder has formally requested an extension of the timeframe in condition 4.2.2 from 60 days to 90 days. The justification provided is that groundwater monitoring needs to be conducted post the injection assessment, and the processing of water data results, along with the drafting and submission of a comprehensive report, will require additional time.	The Delegated Officer is satisfied with the Licence Holder's proposed update. Condition 4.2.2 of Licence L5765/1994/11 has been updated accordingly.
Condition 4.3.2	The Licence Holder raised a question regarding the purpose of the newly proposed line item for 'Non-annual reporting requirements.' This line item involves monitoring ambient groundwater quality for three monitoring events, with a report submission within 28 days of the final groundwater monitoring event. The Licence Holder has pointed out that a similar report requirement is already addressed under condition 4.2.2, questioning the necessity of the additional provision.	The Delegated Officer is satisfied with the Licence Holder's proposed update to remove the duplication in reporting. Condition 4.2.3 (Table 4.2.3) of Licence L5765/1994/11 has been updated accordingly.

8. Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY					
Application type					
Amendment to licence	<input checked="" type="checkbox"/>	Current licence number:	L5765/1994/11		
		Relevant works approval number:		N/A	<input type="checkbox"/>
Date application received		2 May 2023			
Applicant and Premises details					
Applicant name/s (full legal name/s)		AWE Perth Pty Ltd			
Premises name		Dongara Production Facility			
Premises location		Portion of Petroleum Licence Lots 1 and 2 on Plan 41317 Brand Highway, Yardarino, WA 6525			
Local Government Authority		Shire of Irwin			
Application documents					
HPCM file reference number:		DER2014/001481-1 (application folder is FA270444)			
Key application documents (additional to application form):		Licence amendment supporting information			
Scope of application/assessment					
Summary of proposed activities or changes to existing operations.		Seeking approval to inject a limited volume (up to 54 tonnes) of industrial grade liquid CO ₂ into a permeable and depleted gas reservoir, Dongara, utilising an existing suspended production well, Dongara-23.			
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 10:	50,000 tonnes per annual period	No change to the production or design capacity proposed. The application is for injection rather than extraction.			
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"/>	N/A			
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A			
Has the proposal been referred and/or assessed under the EPBC Act?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A			
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Other evidence <input checked="" type="checkbox"/> Active petroleum title production licence (L1 and L2), issued 15/06/2021. Accessed via the Petroleum and Geothermal Register (PGR).			

Has the applicant obtained all relevant planning approvals?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Applicant has engaged with Shire of Irwin and no objections or claims raised.
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 checked="" type="checkbox"/> No <input type="checkbox"/>	Name: Arrowsmith Groundwater Area Type: Proclaimed Groundwater Area Has Regulatory Services (Water) been consulted? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Regional office: Mid-West Gascoyne
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	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>Petroleum and Geothermal Energy Resources Act 1967</i> Applicant has engaged with DEMIRS regarding relevant approvals.
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Is the Premises subject to any EPP requirements?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A
Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i> ?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Classification: Possibly contaminated - investigation required Date of classification: 2 August 2018 CSS ID 73931