



Application for Works Approval

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

Works Approval Number W6446/2020/1

Applicant Water Corporation

ACN 28 003 434 917

File Number DER2020/000391

Premises South Hedland Wastewater Treatment Plant
Reserve 31687, Lot 2040 Golf Course Road
SOUTH HEDLAND WA 6722

Legal description -
Being Lots 356 on Plan 74206, Lots 6035, 341, 342, 343 and
Part of Lot 344 on Plan 72901 and Part of Lot 6067 on Plan
220454.

Date of Report 09 February 2021

Proposed Decision Works approval granted

MANAGER WASTE 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 construction and operation of the Premises. As a result of this assessment, Works Approval W6446/2020/1 has been granted.

2. Scope of assessment

2.1 Regulatory framework

In completing the assessment documented in this Decision 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 and overview of Premises

On 4 September 2020, Water Corporation (the applicant) applied for a works approval under section 54 of the *Environmental Protection Act 1986* (EP Act).

The South Hedland Wastewater Treatment Plant (WWTP) is approximately 1.5 km south-west of the South Hedland township. The Premises is currently licensed under category 54 for sewage facility premises with an assessed capacity of 9,500 cubic metres per day (m³/day) under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations), and as defined in Licence L6246/1991/8.

The WWTP treats wastewater to a secondary standard, and further treats up to 4,500 cubic metres per day to a tertiary standard through the Advanced Tertiary Treatment Plant (ATTP). The applicant seeks to change the filtration method in the ATTP process to reduce the maintenance time and costs experienced with the current method. Specifically, the application is to undertake construction works relating to decommissioning the existing ultrafiltration (UF) membrane and installing three dissolved air flotation (DAF) units and associated works. The ultimate objective of the upgrade and DAF process is to reduce the concentration of solids in the final effluent by introducing a polishing step.

The infrastructure and equipment relating to the premises category and any associated activities which the department has considered in line with *Guidance Statement: Risk Assessments* (DER 2017) are outlined in Works Approval W646/2020/1.

2.2.1 Summary of upgrades and plant modifications:

The application describes the upgraded process as follows:

1. Pond treated wastewater pumped via the DAF Feed Pump (existing Advanced Water Recycling Plant (AWRP) pump-station) well into one of three DAF tanks via a rapid mixing and flocculation tank. Effluent is dosed with sulfuric acid and aluminum chlorohydrate, as well as a polymer flocculant. Dosed water is aerated in the DAF tank. This process allows for the production of flocs. Floating sludge will be continuously scraped off the top surface of the water by the DAF scraper system and transferred to the sludge transfer pumps.
2. The sludge transfer pumps will pump the sludge to the existing sludge drying beds, and the supernatant (leachate from the lined existing drying beds is returned to the treatment ponds).
3. TWW from the DAF will gravity flow to a 60kL multimedia filtration (MMF) feed tank.
4. Then, via a multimedia filter, the TWW will be pumped through the disinfection process where it will undergo UV disinfection, Chloramination (via chlorine & ammonia dosing)

before flowing to the treated water storage tank before reuse.

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 *Guidance Statement: Risk Assessments* (DER 2017).

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 construction and operation which have been considered in this Decision Report are detailed in Table 1 below. Table 1 also details the proposed 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
Construction			
Dust	Vehicle and machinery movements.	Air/windborne.	A Construction Environmental Management Plan (CEMP) will be developed and will include (from application): • limiting the construction works conducted on-site, thus reducing the potential for dust emissions. • hardstand areas will be created around infrastructure areas; this will reduce the dust emissions during operations. • opportunistic visual inspections of dust plumes and dust emissions on site will be undertaken during the equipping and construction period daily to ensure dust control measures are implemented and effective. • wetting/dust suppression of unsealed surfaces using benign dust suppressants will be used on disturbed areas; as required during equipping/construction. • site preparation and excavations (cut and fill) will not be conducted if wind conditions are extreme, where practicable. • weather forecasts will be checked daily and high-risk weather conditions (windy, hot and dry) will be closely monitored and additional wetting/dust suppressant used on unsealed surfaces during these conditions. • trucks are to be washed down before leaving the premises to stop the spread or generation of dust offsite during construction activities. • speed limit on-site will be adhered to on unsealed and sealed roads/tracks.
	Excavation and movement of soil, stockpiling soil.		

Emission	Sources	Potential pathways	Proposed controls
Noise	Vehicle and machinery operation. Construction activities.	Air/windborne pathway.	A CEMP will include (from application): • Works will be conducted in accordance with the <i>Environmental Protection (Noise) Regulations 1997</i>. • Night construction works is not expected, however should they be required Water Corporation will seek relevant approvals from DWER and the Local Government authority, prepare a Noise Management Plan and undertake community consultation in accordance with the <i>Environmental Protection (Noise) Regulations 1997</i>. • Vehicles and equipment will be fitted with appropriate noise controls. • All plant, equipment and vehicles will be regularly inspected and maintained. • A complaints register will be kept on site and reported in the AER. • The Contractor is required to ensure works are conducted in accordance with Section 4 of AS2436-2010, <i>Guide to noise and vibration control on construction, demolition and maintenance sites</i>.
Spill or leak of wastewater	Containment loss during pipeline tie-ins.	Seepage to soil and groundwater.	• Ensuring cut in works are undertaken on empty pipes. • Ensuring tanks are visually monitored during filling. • Checking new lines and tanks prior to use. • Check of sludge drying beds integrity prior to commissioning of DAF. • DAF units to be installed on top of the existing concrete slabs. Existing infrastructure includes footing and pipework. • Existing concrete slab drains to a central point so that wastewater spills can be contained and drained back to the WWTP storage ponds.
Spill or leak of chemicals	Leak or spill of treatment chemicals, aluminum chlorohydrate, sulfuric acid or polymer. Spillage of fuel from construction equipment and vehicles.	Seepage to soil and groundwater.	• Checking pipelines and vessels prior to filling. • Not overfilling vessels. • Appropriate chemical storage in bunded vessels. • Limiting chemical use to the minimum required. • Limiting refuelling on-site to a designated area. • Ensuring spill kits are present in the designated area and in all vehicles.

Emission	Sources	Potential pathways	Proposed controls
Fire	Spark from construction equipment or vehicle.	Air/windborne pathway carrying embers, smoke.	During construction, all vehicles and plant will be fitted with fire extinguishers. Diesel vehicles will be used in preference to petrol vehicles.
Commissioning and Operation			
Treated / partially treated wastewater	Containment loss by overflow or leakage from DAF infrastructure and associated pipelines, hardstand.	Surface run-off and overland flow. Seepage to soil and groundwater.	- DAF units to be installed on top of the existing concrete slabs. Existing infrastructure includes footing and pipework. - Existing concrete slab drains to a central point so that wastewater spills can be contained and drained back to the WWTP storage ponds. - Use of control systems to ensure tanks do not overflow. - Alarm system to notify the operator if overflow appears likely. - Regular inspection of the system for leaks and prompt repair. - Regular inspection of the hardstand for cracks and prompt repair. - Regular inspection of the sludge drying beds for cracks or leachate losses.
Treatment chemicals	Containment loss by overflow from storage tanks and leaks from associated conveyance pipelines.	Surface run-off and overland flow. Seepage to soil and groundwater.	- Testing of pipelines and tanks prior to commissioning and operation. - Appropriate chemical storage in bunded vessels. - Limiting chemical use to the minimum required.
Odour	DAF infrastructure and associated pipelines, hardstand, sludge dewatering, pond desludging.	Air/windborne pathway.	- Water quality entering the ATTP will only be processed if it meets a secondary standard. If not, recirculation is to occur. - Sludge will be dewatered in the sludge drying bed with leachates returned to the WWTP treatment ponds to reduce potential fugitive odour emissions.
Fire	Spark from equipment or vehicle.	Air /windborne pathway.	All vehicles and plant will be fitted with fire extinguishers. Diesel vehicles will be used in preference to petrol vehicles.

3.1.2 Receptors

In accordance with the *Guidance Statement: Risk Assessment* (DER 2017), the Delegated Officer has excluded employees, visitors and contractors of the applicant'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 and **Error! Reference source not found.** 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 (*Guidance Statement: Environmental Siting* (DER 2016)).

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

Human receptors	Distance from prescribed activity
Golf course (recreational users)	Immediately north of the premises northernmost point, across Shoata Road. Receives direct discharge of treated wastewater. Currently 'awaiting classification' under the <i>Contaminated Sites Act 2003</i> .
The nearest town of South Hedland	Approximately 1.5km north-east of the premises
A low-density light industrial area	Immediately north-west of the premises
Environmental receptors	Distance from prescribed activity
Surface waterways - unnamed tributaries – ephemeral creeks which when flowing drain into Taylor Inlet, Port Hedland	Approximately 800 m east of the site, and Approximately 1.5 km west of the site
Pilbara Groundwater Area and Pilbara Surface Water Area	The premises is situated within this designated area, proclaimed under the <i>Rights in Water and Irrigation Act 1914</i> (RIWI Act). Groundwater is located between 6-7 metres below ground level (mBGL). The Applicant reports that depth to groundwater ranges from 5m to 15 mBGL, depending on surface elevation.
Threatened and priority fauna	Recorded within the premises area: 1) Migratory birds protected under an international agreement • <i>Actitis hypoleucos</i> (Common sandpiper) • <i>Arenaria interpres</i> (Ruddy turnstone) • <i>Calidris acuminata</i> (Sharp-tailed sandpiper) • <i>Calidris ruficollis</i> (Red-necked stint) • <i>Chidonias leucopterus</i> (White-winged black tern) • <i>Glareola maldivarum</i> (Oriental pratincole) • <i>Hirundo rustica</i> (Barn swallow)

	• <i>Tringa glareola</i> (Wood sandpiper) • <i>Tringa nebularia</i> (Common greenshank) 2) Priority 4: Rare, Near Threatened and other species in need of monitoring • <i>Dasycercus blythi</i> (Brush-tailed mulgara)
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3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guidance Statement: Risk Assessments* (DER 2017) 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 works approval 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.

Works Approval W6446/2020/1 that accompanies this Decision Report authorises construction and time-limited operations. The conditions in the issued Works Approval, as outlined in Table 3 have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

A licence is required following the time-limited operational phase authorised under the works approval to authorise emissions associated with the ongoing operation of the Premises i.e. sewage treatment including the dissolved air flotation stage. A risk assessment for the operational phase has been included in this Decision Report, however licence conditions will not be finalised until the department assesses the related licence amendment application.

Table 3: Risk assessment of potential emissions and discharges from the Premises during construction, commissioning and operation

Risk Event					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval / existing licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
Construction								
General construction activities including movement of vehicles and mobile plant on unsealed surfaces, excavations and movement of soil, stockpiling soil and other materials.	Dust	Air/windborne pathway causing impacts to health and amenity.	Users of industrial area, golf course Residents of South Hedland Migratory bird populations	Refer to Section 3.1	C = Slight L = Possible Low Risk	Y	N/A	General provisions of the <i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i> also apply
	Noise						N/A	The <i>Environmental Protection (Noise) Regulations 1997</i> apply
	Fire – ember and smoke			Refer to Section 3.1	C = Minor L = Rare Low Risk	Y	N/A	N/A
	Spill of treatment chemical or hydrocarbons	Overland runoff potentially causing ecosystem disturbance or impacting surface water quality. Seepage to soil and groundwater potentially causing impact to groundwater quality.	Surface waterways Habitat for migratory birds	Refer to Section 3.1	C = Minor L = Unlikely Medium Risk	Y	Works approval condition 1, 2, Licence conditions 1.2.2 (recover/dispose of environmentally hazardous materials), 1.2.3 (stormwater management) and 3.4.1 (groundwater monitoring).	The <i>Environmental Protection (Unauthorised Discharges) Regulations 2004</i> also apply
Containment loss during	Treated / partially	Overland runoff potentially causing	Surface	Refer to	C = Minor	Y	Works approval condition 1, 2,	The <i>Environmental Protection</i>

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Risk Event					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval / existing licence	Justification for additional regulatory controls
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
pipeline tie-ins. Removal of UF membranes.	treated wastewater	ecosystem disturbance or impacting surface water quality. Seepage to soil and groundwater potentially causing impact to groundwater quality.	waterways Habitat for migratory birds	Section 3.1	L = Unlikely Medium Risk		11, 12. Licence conditions 1.2.2 (recover/dispose of environmentally hazardous materials), 1.2.3 (stormwater management), 1.3.4 (containment infrastructure) and 3.4.1 (groundwater monitoring).	(Unauthorised Discharges) Regulations 2004 also apply
Commissioning								
Commissioning of DAF units and associated infrastructure.	Treated / partially treated wastewater	Overland runoff potentially causing ecosystem disturbance or impacting surface water quality.	Surface waterways Habitat for migratory birds	Refer to Section 3.1	C = Minor L = Unlikely Medium Risk	Y	Works approval conditions 4-12. Licence conditions 1.2.2 (recover/dispose of environmentally hazardous materials), 1.2.3 (stormwater management), 1.3.4 (containment infrastructure) and 3.4.1 (groundwater monitoring).	The Environmental Protection (Unauthorised Discharges) Regulations 2004 also apply
	Spill of treatment chemicals	Seepage to soil and groundwater potentially causing impact to groundwater quality.			C = Minor L = Unlikely Medium Risk	Y		
Operation including time-limited-operations								
Containment loss from DAF tanks and associated infrastructure	Treated / partially treated wastewater	Overland runoff potentially causing ecosystem disturbance or impacting surface water quality	Surface waterways Habitat for migratory birds	Refer to Section 3.1	C = Minor L = Unlikely Medium Risk	Y	Works approval conditions 13-19. Licence conditions 1.2.2 (recover/dispose of environmentally hazardous materials), 1.2.3 (stormwater management), 1.3.4 (containment infrastructure) and 3.4.1 (groundwater monitoring).	The Environmental Protection (Unauthorised Discharges) Regulations 2004 also apply
	Spill of treatment chemicals	Seepage to soil and groundwater potentially causing impact to groundwater quality			C = Minor L = Unlikely Medium Risk	Y		

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the *Guidance Statement: Risk Assessments* (DER 2017).

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

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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 (20/08/2018)	None received	N/A
Local Government Authority advised of proposal (16 October 2020)	None received	N/A
Department of Health advised of proposal (16 October 2020)	Department of Health replied on 5 November 2020 with no objection to the proposed installation providing odour control measures are conditional and the facility operates in accordance with the Department of Health letter to Water Corporation dated 20 May 2020.	The Delegated Officer notes that the 20 May 2020 correspondence from Department of Health to Water Corporation was included in the application and the application addresses those measures. Odour controls also form part of the Application. See Section 4.1 for additional information on the department's response to the Department of Health's comments.
Applicant was provided with draft documents (21 December 2020)	The applicant replied on 25 January 2021 with comments as summarised in Appendix 1.	The Delegated Officer notes the comments and responds as summarised in Appendix 1.

4.1 Department of Health consultation

The Delegated Officer notes that the DOH supported the proposed works subject to detailed guidance for the Licence Holder. In considering this correspondence, the following has been included in the works approval:

1. Decommissioning existing ultrafiltration (UF) membranes as part of the works (refer to condition 1, Table 1 in the works approval);
2. Submission of a commissioning report and time limited operations report (refer to condition 11, 12, 18 and 19);
3. A validation period of at least six consecutive weeks, conducted at the full ATTP capacity of 4.5 ML (refer to condition 7, Table 2); and
4. Detailed performance criteria for the final effluent water quality (refer to condition 8, 9, 15 and 17).

At the licence amendment stage, the Department will review the existing conditions and consider adding conditions to:

- Quantify (measure, record and assess) the treatment performance of the plant and the final effluent discharged off-site; and

- ensure that repeated exceedances of the performance criteria prompt management action to bring the WWTP performance in line with the performance criteria.

5. Conclusion

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

References

1. Department of Environment Regulation (DER) 2016, *Guidance Statement: Environmental Siting*, Perth, Western Australia.
2. DER 2017, *Guidance Statement: Risk Assessments*, Perth, Western Australia.
3. DER 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.

Appendix 1: Summary of applicant's comments on risk assessment and draft conditions

Condition	Summary of applicant's comment	Department's response
9, 18	Requested to amend sample point reference.	Noted and amended.
10, 19 Schedule 1: Maps, Figure 2	Figure does not reflect current process. Sample point reference will not cover golf course. The Golf course is not supplied treated wastewater (TWW) via the tertiary treatment plant (TTP) (DAF/MMF). It is separately screen filtered, chlorinated and supplied to the golf course.	Noted and amended Schedule 1, Figure 2 caption and sample points in relevant conditions.
1	Incorrect figure reference.	Noted and amended.
Table 1, point 1	Word 'pre-treatment' does not reflect the process.	Noted and amended.
1, Table 1	Works are being undertaken at Water Corporation's discretion.	Noted. Standard condition wording remains.
3	Specific dust condition not considered necessary. Dust was found to be low risk.	In accordance with the <i>Guideline: Risk assessments</i> (DWER, December 2020), DWER will consider the adequacy of applicant controls when setting regulatory controls. Regulatory controls may include applicant controls. The Delegated Officer notes the assessed risk (Table 3) relies on the applicant's commitments in the application and that a Construction Environmental Management Plan (CEMP) will be developed to manage dust during the construction phase (refer to Table 1). The CEMP has yet to be provided to the department for consideration in setting appropriate regulatory controls (where required). The draft condition relating to managing dust within the premises boundary was set due to the absence of this information. The condition has been removed in this instance due to the low risk scenario. However, the Delegated Officer notes that other recently granted works approvals to the Water Corporation (e.g. W6356/2020/1 for the Mandurah No. 1 WWTP) include conditions requiring Water Corporation to submit a CEMP prior to construction works. DWER may consider a similar approach for future approvals where dust emissions are considered to be low risk based on applicant controls.
5	Request to complete an audit and Environmental	Noted and amended.

Condition	Summary of applicant's comment	Department's response
	Compliance Report after all items are completed and additional time to complete the report.	
7	To reflect amended wording in condition 5.	Noted and amended.
12, 20	To remove replication in specifying to record all monitoring results.	Noted and amended.
26	Request to remove notification of fire and other discharges on the premises	Noted, condition removed. Reporting obligations remain as per Section 72 of the EP Act (where required). Risk assessment also revised in the Decision Report – low risk for fire events (minor consequence /rare likelihood).
General	Various concerns about variability in format and content of instruments across Water Corporation's prescribed premises.	Noted. The Delegated Officer considers this matter to be outside of the scope of this assessment and will consult further with the applicant. The Delegated Officer notes that all assessments are site specific. DWER also uses several different templates to support individual assessments which are updated and change over time.

Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY (as updated from validation checklist)					
Application type					
Works approval	☒				
Licence	☐	Relevant works approval number:		None	☐
		Has the works approval been complied with?			Yes ☐ No ☐
		Has time limited operations under the works approval demonstrated acceptable operations?			Yes ☐ No ☐ N/A ☐
		Environmental Compliance Report / Critical Containment Infrastructure Report submitted?			Yes ☐ No ☐
		Date Report received:			
Renewal	☐	Current licence number:	L6246/1991/8		
Amendment to works approval	☐	Current works approval number:			
Amendment to licence	☐	Current licence number:			
		Relevant works approval number:		N/A	☐
Registration	☐	Current works approval number:		None	☐
Date application received					
Applicant and Premises details					
Applicant name/s (full legal name/s)		Water Corporation			
Premises name		South Hedland Wastewater Treatment Plant			
Premises location		South Hedland Wastewater Treatment Plant Reserve 31687, Lot 2040 Golf Course Road SOUTH HEDLAND WA 6722 Being Lots 356 on Plan 74206. Lots 6035, 341, 342, 343 and Part of Lot 344 on Plan 72901 and Part of Lot 6067 on Plan 220454			
Local Government Authority		Town of Port Hedland			
Application documents					
HPCM file reference number:		DER2020/00391 (See also DER2013/001027-1~1)			
Key application documents (additional to application form):		- CW03577 South Hedland Wastewater Treatment Plant: Advanced Tertiary Treatment Plant Upgrade - Supporting information for approvals under Part V of the Environmental Protection Act 1986 - Works Approval Supporting Information – June 2020 - C-S02605 SOUTH HEDLAND WASTEWATER TREATMENT PLANT – TREATED WASTEWATER DISPOSAL AND MANAGEMENT - Contingency Discharge Management Plan			
Scope of application/assessment					

Summary of proposed activities or changes to existing operations.	Installation of three Dissolved Air Flotation (DAF) units for pre-treatment and associated ancillaries, such as coagulant and pH dosing, stairways etc. The footprint for the new system shall be in the pre-treatment area reserved under the original tertiary treatment plant design. Works to existing Sludge Drying beds Time limited operation of DAF pre-licence amendment.	
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 54: sewage facility: premises — (a) on which sewage is treated (excluding septic tanks); or 100 m3 or more per day (b) from which treated sewage is discharged onto land or into waters.	Category 54 WWTP (9.5ML/day) Category 54 ATTP (4.5ML/day)	No proposed change to site throughput for future licence amendment
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 ☐ No ☒	Referral decision No: Managed under Part V ☐ Assessed under Part IV ☐
Does the applicant hold any existing Part IV Ministerial Statements relevant to the application?	Yes ☐ No ☒	Ministerial statement No: EPA Report No:
Has the proposal been referred and/or assessed under the EPBC Act?	Yes ☐ No ☒	Reference No:
Has the applicant demonstrated occupancy (proof of occupier status)?	Yes ☒ No ☒	Occupier of Crown Reserve for sewerage
Has the applicant obtained all relevant planning approvals?	Yes ☐ No ☐ N/A ☐	Crown Reserve for sewerage
Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal?	Yes ☐ No ☐	No clearing is proposed.
Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal?	Yes ☐ No ☐	No clearing is proposed.
Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal?	Yes ☐ No ☒	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 ☒ No ☐	Name: Pilbara Surface Water Area; Pilbara Ground Water Area Type: Proclaimed Groundwater Area/Surface Water Area
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes ☐ No ☒	
Is the Premises subject to any other Acts or subsidiary regulations (e.g. <i>Dangerous Goods Safety Act 2004, Environmental Protection (Controlled Waste) Regulations 2004, State Agreement Act xxxx</i>)	Yes ☐ No ☒	
Is the Premises within an Environmental Protection Policy (EPP) Area?	Yes ☐ No ☒	
Is the Premises subject to any EPP requirements?	Yes ☐ No ☒	
Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i> ?	Yes ☐ No ☒	