Government of Western Australia
Department of Water and Environmental Regulation

Amendment Report

Department initiated Amendment

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

Works Approval Number	W6175/2018/1
Works Approval Holder	TMC Witchcliffe Pty Ltd
ACN	632 933 263
File Number	DER2018/001493 APP-0028174
Premises	Witchcliffe Eco Village WWTF 10437 Bussell Highway WITCHCLIFFE WA 6286 Legal description – As defined by the coordinates in Schedule 1 of the revised works approval
Date of Report	31/03/2025
Decision	Revised works approval granted

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A/MANAGER WASTE INDUSTRIES
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

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1. Decision summary

Works Approval W6175/2018/1 is held by TMC Witchcliffe Pty Ltd (works approval holder) for the Witchcliffe Eco Village Wastewater Treatment Facility (the premises), located at 10437 Bussell Highway, Witchcliffe WA 6286.

This Amendment Report documents the assessment of potential risks to the environment and public health during time limited operation of the premises. As a result of this assessment, revised Works Approval W6175/2018/1 has been granted.

The revised works approval issued as a result of this amendment consolidates and supersedes the existing works approval previously granted in relation to the premises.

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 Amendment summary

On 21 March 2025, the department initiated an amendment to Works Approval W6175/2018/1 to authorise time limited operations, allowing continued operation of the premises while the department is assessing a licence application for long-term ongoing operations.

This assessment is limited to short term operation of the sewage treatment facility to allow for treatment of wastewater brought to site by tankers from domestic sources and subsequent irrigation to nearby crops. Outstanding issues from the works approval, such as compliance reports and groundwater monitoring reports, will be addressed through the licence application, which has been received and is currently under assessment by the department.

2.3 Background

The works approval holder was granted Works Approval W6175/2018/1 in September 2019 to construct a category 54 sewage facility for the Witchcliffe Eco Village at 10437 Bussell Highway, Witchcliffe. The wastewater treatment facility (WWTF) will treat sewage from the Witchcliffe Eco Village at a maximum capacity of 160 m^3/day, with the treated water stored in a storage dam or discharged to an avocado plantation via irrigation. The estimated throughput for the premises will be approximately 130 m^3/day, and the site is anticipated to operate for up to 25 years.

Commissioning of the infrastructure was authorised under the works approval to verify that the infrastructure was installed and performing according to the design specifications. Commissioning was authorised for up to twelve months from the commencement of commissioning for stage 1, and three months for stages 2, 3, and 4.

The works approval required that within 30 days of completing each stage of works, the works approval holder must provide a report/engineering/building certification from a suitably qualified professional confirming that each item of infrastructure or component of infrastructure had been constructed with no material defects and in compliance with the works approval.

The works approval was amended on 25 February 2021 to allow a limited volume of tankered wastewater to be brought to the premises for commissioning purposes.

While the works approval holder has submitted compliance documentation, unclear information regarding construction completion dates and inconsistencies in the compliance reports have created uncertainty about the start and end dates of the commissioning periods.

The works approval will expire on 9 September 2025, and the works approval holder has submitted a licence application to continue operations beyond this date. This amendment will introduce time-limited operations, allowing the works approval holder to complete outstanding requirements and provide any additional information needed for the ongoing licence assessment, while minimising disruptions to operations and provision of wastewater services to the community.

Currently, the works approval does not permit treated wastewater to be discharged to the irrigation area. However, this amendment will authorise irrigation during the time-limited operations period, ensuring the full wastewater treatment lifecycle is completed during this restricted timeframe. A licence will be required for the ongoing operation of the WWTF beyond the expiry of the works approval on 9 September 2025.

2.4 Legislative context

Table 5 summarises approvals relevant to the assessment.

Table 5: Relevant approvals and tenure

Legislation	Number	Subsidiary	Approval
Planning and Development Act 2005	SPN 2083	Western Australian Planning Commission	The Witchcliffe Eco Village Structure Plan was approved by the WA Planning Commission on 10 January 2018 and expires on 10 January 2028. The Shire of Augusta Margaret River advised that the proposal accords with the above Structure Plan. This Structure Plan identifies the proposed site of the treatment facility and associated effluent lagoon as “Special use Zone – Ecovillage Wastewater Treatment and Depot”.
Planning and Development Act 2005	N/A	Shire of Augusta-Margaret River	Under Section 137 of the *Water Services Act 2012*, the Applicant is exempt from the requirement (under the *Planning and Development Act 2005*) to obtain development approvals for Public water Works under a Local Planning Scheme. The Applicant has previously advised that the WWTF was incorporated in the Shire of Augusta Margaret River Witchcliffe Eco Village planning permission.
Health Act 1911	*N/A*	Department of Health (DoH)	The DoH considers the use of recycled water for surface irrigation. The DoH previously advised on 10 December 2018 that they had no objection to the works approval proposal. The works approval holder should ensure that all necessary approvals from DoH have been obtained prior to commencement of irrigation.
Water Service Act 2012	WL50	Economic Regulation Authority	The Economic Regulation Authority granted a Water Services Licence on 4 November 2019 for non-potable water supply services and sewerage services. The licence is valid until 3 November 2044.

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 Amendment Report are detailed in

Table 1 below.

Table 1 also details the proposed control measures the works approval holder has proposed to assist in controlling these emissions, where necessary.

Table 1: Works approval holder controls

Source	Emissions	Potential pathways	Proposed controls
Continued operation of WWTF and tankering of wastewater - Truck movements and wastewater transfer - Septage screening and input to WWTF - Tankered wastewater spill during transfer - Leakage of filtrate from screenings bin	Noise	Air/windborne pathway	All noise generating equipment fitted with acoustic covers a required. Blowers/compressors located within equipment building. Limited to three extra truck movements per day. Limited to five days per week.
	Odour		The WWTF will operate continuously so there is no long term storage of sewage. The primary sources of odour (FBT and Inlet screens) will be connected to an odour control system. Fitted pipework connections for pumping. Tankered wastewater filtrate handled as per existing works approval odour controls. Tankered wastewater solid screenings to be contained in a Longapac bag system and stored in a 200L bin prior to landfill disposal. Truck receival connection pipes to be rinsed of septage prior to disconnecting pipework. Only pumped waste accepted - no residual solids to be accepted from trucks (“bogging out”).

Source	Emissions	Potential pathways	Proposed controls
Continued operation of WWTF and tankering of wastewater - Truck movements and wastewater transfer - Septage screening and input to WWTF - Tankered wastewater spill during transfer - Leakage of filtrate from screenings bin	Sewage spill	Soil, direct discharge and overland flows	Infrastructure controls (e.g. bollards for vehicle protection, location of tankering connections in bunded areas). Diversion to emergency overflow dam if required. There are minimal impervious surfaces throughout the plant that could allow for contaminated run-off from the site.
	Septage spill	Seepage to soils and groundwater	Trucks on existing roads and hardstand. Drain in truck receival area to drain to existing sump.
	Chemical spills Breach of containment tanks or rupture of pipes	Soil, direct discharge and overland flows	All chemical storage areas will be covered and bunded. The tanker connection bund will allow for pumping back to the head of the plant. There are minimal impervious surface throughout the plant that could allow for contaminated run-off from the site.
	Dust	Air/windborne pathway	Existing dust control condition in the works approval.
	Contaminated stormwater	Soil, direct discharge and overland flows	All chemical storage areas will be covered and bunded. The tanker connection bund will allow for pumping back to the head of the plant. There are minimal impervious surfaces throughout the plant that could allow for contaminated run-off from the site.
Overtopping of wet weather storage dam	Treated wastewater	Seepage through soil to groundwater	1.5mm HDPE lined pond sized to cater for wet weather events. As stated in the Nutrient Irrigation and Management Plan (NIMP) in the previous amendment report (DWER 2019): - modelling shows that typically the dam has sufficient capacity to avoid overflow events and that the dam will be designed with sufficient freeboard to capture and rainfall event. - The level of the dam may be managed by undertaking additional irrigation during lower demand periods to ensure that is no uncontrolled overflow of dam water. - As irrigation is scheduled based on the soil moisture content, irrigation will not occur during rain events or during conditions where soils exhibit high moisture content.

Source	Emissions	Potential pathways	Proposed controls
Irrigation of treated wastewater	Pathogens	Direct contact and ingestion of harmful pathogens in wastewater	No public access to plant or irrigation area (buffer to site boundaries, boundary fencing of irrigation area and signposting to indicate the use of recycled water). Water quality (diversion of off-spec water quality to be diverted to the start of the process for re-processing. Chlorination/disinfection occurs prior to irrigation occurring. The NIMP (DWER 2019) includes additional controls.
	Nutrient loading from treated wastewater	Direct discharge of treated wastewater to land by irrigation	The NIMP (DWER 2019) includes additional controls.
	Overland flow or irrigated wastewater	Discharge of treated wastewater to land by irrigation	Run-off on the site is collected in three water storage dams (two existing, one to be constructed) and bypass structures provide stream flows downstream. The NIMP (DWER 2019) includes additional controls including application rates.

The WWTF is designed to treat sewage to the effluent quality listed in Table 2 below.

Table 2: Design treated wastewater quality used in the NIMP

Parameter	Units	Value	Comments
Wastewater flow	kL/day	160	Sewage flow only, does not include return flow from WAS dewatering
Total Suspended Solids (TSS)	mg/L	<30	
Biochemical Oxygen Demand (BOD_5)	mg/L	<20	
Total Nitrogen (TN)	mg/L	<20	
Total Phosphorous (TP)	mg/L	<5	
pH	-	6.5-8.5	
E.coli	cfu/100mL	<100	Australian Guidelines for Water Recycling
Irrigation flow	kL/day		Flow to the irrigation area

('Table 1 – Design treated water quality parameters for the RWP, Witchcliffe Ecovillage DWER Works Approval Supporting Information, August 2018)

3.1.2 Receptors

In accordance with the *Guideline: Risk assessments* (DWER 2020), the Delegated Officer has excluded employees, visitors and contractors of the works approval 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 3 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 3: Sensitive human and environmental receptors and distance from prescribed activity

Receptors	Distance from prescribed activity
Human receptors	
Closest residential receptor - Rural dwellings (zoned priority agriculture)	Approximately 42 m south-west of premises boundary (approximately 260 m from WWTF site)
Village centre	Approximately 490 m north of premises boundary (approximately 850 m from WWTF site)
Future development	Directly north of premises boundary (approximately 900 m north of WWTF site)
Parks and recreation reserve	Approximately 42 m west of premises boundary (approximately 250 m north-west of WWTF site)
L6989/1997/13 – Davis Road Putrescible Landfill (Category 64)	Directly south of the premises boundary
Agricultural lots (zoned priority agriculture)	Approximately 45 m west and 160 m east of premises boundary
Commercial premises	Directly north of the premises boundary
Environmental receptors	
Chapman Brook	650 m east of premises boundary (approximately 1,180 m east of WWTF site)
Minor Non-Perennial Watercourse	220 m south of premises boundary (approximately 270 m south of WWTF site)
Groundwater – beneficial users of groundwater and groundwater dependent ecosystems	The site is located in the Blackwood Groundwater Area and the Lower Blackwood River Surface Water Area. Surface water is present during the winter in the central and western parts of the site. The Geotechnical investigation encountered groundwater within seven of the test pits at depths of between 1.0 to 2.6 mbgl.
Acid sulfate soils	DWER's GIS mapping indicates a medium to low risk of Acid Sulfate Soils (ASS) at the premises.
Threatened fauna	Sixty-three records within 2 km of the premises boundary
Significant flora	Two specimens within 2 km of the premises boundary

Figure 1: Distance to sensitive receptors

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 in-complete they have not been considered further in the risk assessment.

Where the works approval 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 works approval holder'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 works approval holder's controls are not deemed sufficient. Where this is the case the need for additional controls will be documented and justified in Table 4.

The revised works approval W6175/2028/1 that accompanies this Amendment Report authorises time-limited operations. The conditions in the revised works approval 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. treating wastewater and irrigating treated wastewater. A risk assessment for the operational phase has been included in this Amendment Report, however licence conditions will not be finalised until the department assesses the licence application.

Table 4. Risk assessment of potential emissions and discharges from the premises during time limited operations

Risk Event					Risk rating[1] C = consequence L = likelihood	Works Approval Holder's controls sufficient?	Conditions[2] of works approval	Justification for additional regulatory controls
Source/Activities	**Potential emission**	**Potential pathways and impact**	**Receptors**	**Works Approval Holder's controls**				
Operation of WWTF and tankering of wastewater - Truck movements and wastewater transfer - Septage screening and input to WWTF - Tankered wastewater spill during transfer - Leakage of filtrate from screenings bin	**Noise:** associated with the operation of the WWTF and truck movements	**Pathway:** Air/windborne **Impact:** Impacts to amenity	Surrounding human receptors Fauna	Refer to Section 3.1	C = Minor L = Unlikely **Medium Risk**	Yes	Conditions 1 - 4	The Delegated Officer considers the existing controls outlined in the works approval to be adequate for managing these emission risks during the additional period of time-limited operations.
	Odour: associated with effluent treatment and disposal, transfer of septage, potential spills	**Pathway:** Air/windborne **Impact:** Impacts to health and amenity	Surrounding human receptors	Refer to Section 3.1	C = Moderate L = Possible **Medium Risk**	Yes	Conditions 1 – 4	
	Sewage spill (containment breach): resulting from pipe rupture or overtopping of containment infrastructure	**Pathway:** Soil, direct discharge and overland flows **Impact:** Increased nutrient load and potential impacts on native vegetation health, reduction in soil quality resulting in plant death	Groundwater Surface water Fauna Soils Users of nearby recreational reserve	Refer to Section 3.1	C = Moderate L = Unlikely **Medium Risk**	Yes	Conditions 1 – 4 **Condition 23**	The Delegated Officer has determined that waste acceptance criteria will be added to the existing controls of the works approval to provide clarity on existing waste acceptance criteria.
	Septage spill: resulting from incomplete connection of tanker line, rupture or overtopping of containment infrastructure	**Pathway:** Soil, direct discharge and overland flows **Impact:** Increased nutrient load and potential impacts on native vegetation health, reduction in soil quality resulting in plant death	Groundwater Surface water Fauna Soils Users of nearby recreational reserve	Refer to Section 3.1	C = Moderate L = Possible **Medium Risk**	Yes	Conditions 1 – 4 **Condition 23**	
	Chemical spills (coagulant, trichloride or similar, polymer): Breach of containment tanks or rupture of pipes resulting in chemical discharge to land	**Pathway:** Soil, direct discharge and overland flows **Impact:** Increased nutrient load and potential impacts on native vegetation health, reduction in soil quality resulting in plant death	Groundwater Surface water Soils Fauna Users of nearby recreational reserve	Refer to Section 3.1	C = Moderate L = Rare **Medium Risk**	Yes	Conditions 1 - 4	The Delegated Officer considers the existing controls outlined in the works approval to be adequate for managing these emission risks during the additional period of time-limited operations.
	Dust: associated with truck movements	**Pathway:** Air/windborne **Impact:** Impacts to health and amenity	Surrounding human receptors	Refer to Section 3.1	C = Minor L = Unlikely **Medium Risk**	Yes	Condition 7	
	Contaminated stormwater: Stormwater contaminated with wastewater or chemicals	**Pathway:** Soil, direct discharge and overland flows **Impact:** impacts on native vegetation health, reduction in soil quality resulting in plant death	Groundwater Surface water Fauna	Refer to Section 3.1	C = Moderate L = Rare **Medium Risk**	Yes	Conditions 1 - 4	
Overtopping of wet weather storage dam	**Treated wastewater**	**Pathway:** Overtopping of the storage pond, overland flow and seepage **Impact:** Impacts to soil and groundwater	Groundwater Surface water	Refer to Section 3.1	C = Moderate L = Rare **Medium Risk**	Yes	Conditions 1 - 4	

Risk Event					Risk rating[1] C = consequence L = likelihood	Works Approval Holder's controls sufficient?	Conditions[2] of works approval	Justification for additional regulatory controls
Source/Activities	**Potential emission**	**Potential pathways and impact**	**Receptors**	**Works Approval Holder's controls**				
Irrigation of treated wastewater	**Pathogens:** release of pathogens via airborne water droplets from irrigation and/or direct contact with irrigation mist (ingestion)	**Pathway:** Direct contact and ingestion of harmful pathogens **Impact:** May cause gastroenteritis, spread disease or create other public health impacts.	Surrounding human receptors	Refer to Section 3.1	C = Minor L = Unlikely **Medium Risk**	Yes	Conditions 11-16 **Conditions 21 - 32** Time limited operations under the works approval will ensure appropriate effluent criteria is met prior to commencement of irrigation. Condition 18 **Condition 32(f)** These include requirements for the installation of groundwater monitoring bores in specified locations at the premises and the requirements to determine baseline groundwater quality conditions (prior to commencing irrigation of treated wastewater).	The risk profile for time-limited operations remains consistent with the previous risk assessment conducted for commissioning. The only changes to emissions and discharges result from the authorised irrigation of treated wastewater. Treated water from the recycling plant will be discharged into a treated water storage tank, which will then release water into the 30 ML wet weather storage dam when the volume of treated wastewater exceeds irrigation requirements. The storage dam is sized to accommodate water during the winter period when irrigation demand is low, preventing overtopping. Water from the dam will be filtered before being discharged into the irrigation system. It was determined in the original works approval risk assessment that the irrigation of treated wastewater, with parameters as outlined in the NIMP (Table 2), would not exceed the nutrient uptake capacity of the crop. Therefore, the irrigation is not considered to pose a risk of surpassing nutrient loading limits. However, the previous assessment also identified the potential for the hydraulic capacity of the irrigation area to be exceeded during periods of high rainfall. As a result, the Delegated Officer has decided to include conditions limiting irrigation during periods of rainfall and waterlogging, when the hydraulic loading capacity is most at risk of being exceeded. The Delegated Officer has reviewed the information relating to pathogens, increased nutrient loading and overland flow of irrigated wastewater and has determined the following: **1.** The water quality specifications provided in the works approval application for the WWTF are within the low-risk exposure levels as identified in the Department of Health's Guidelines for the Non-potable Uses of Recycled Water in Western Australia. **2.** A review of the NIMP was conducted in a previous assessment (DWER 2019). **3.** Controls relating to effluent quality will be included in the works approval and any future licence. DoH may also impose effluent quality limits. **4.** Given the potentially shallow groundwater in the area, there is a risk that groundwater could become contaminated with increased nutrient loads if irrigation is not managed appropriately. **5.** The works approval time-limited operations conditions will limit the volume of irrigated treated wastewater and its application rate to reduce the risk of exceeding nutrient or hydraulic loading capacity in the irrigated area. **6.** Additional validation of assumptions made in the NIMP may be required in the licence such as leaf tissue testing, soil monitoring and an assessment of the vegetative cover in the irrigated plantation. **7.** Periodic monitoring of ambient groundwater may be also required under the licence, including testing for traces of pathogens and nutrients in the groundwater.
	Increased nutrient loading: Treated wastewater discharged to land via irrigation resulting in increased nutrient loads in soil	**Pathway:** Direct discharge of treated wastewater to land by irrigation **Impact:** Can cause cumulative contamination of the land, affect plant growth and cause off-site impacts on neighbouring properties and ecological systems and infiltrate into groundwater.	Groundwater Surface water Soils, crops and vegetation in irrigation area		C = Moderate L = Possible **Medium Risk**	Yes	Conditions 11-16 **Conditions 21 - 32** Time limited operations under the works approval will ensure appropriate effluent criteria is met prior to commencement of irrigation. Condition 18 **Condition 32(f)** These include requirements for the installation of groundwater monitoring bores in specified locations at the premises and the requirements to determine baseline groundwater quality conditions (prior to commencing irrigation of treated wastewater).	
	Overland flow of irrigated wastewater: Treated wastewater discharged to land in excessive volumes that cause pooling and run-off	**Pathway:** Direct discharge of treated wastewater to land by irrigation in excessive volumes that the soil cannot accommodate. **Impact:** Leaching, pooling or run-off which may result in accumulation of contaminants in the soil at the premises, impacts to nearby threatened ecological communities, or contamination of groundwater system and/or surface water system.	Groundwater Surface water On-site soils and surrounding land Soils, crops and vegetation in irrigation area Users of nearby recreational reserve		C = Moderate L = Unlikely **Medium Risk**	Yes	Conditions 8 - 10 **Conditions 21 - 32**	

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

Note 2: Proposed works approval holder's controls are depicted by standard text. **Bold and underline text** depicts additional regulatory controls imposed by department.

4. Consultation

Table 5 provides a summary of the consultation undertaken by the department.

Table 5: Consultation

Consultation method	Comments received	Department response
Works approval holder was provided with draft amendment on 28 March 2025.	The works approval holder responded on 28 March 2025 advising they accepted the amended works approval and its conditions.	N/A

5. Conclusion

In determining the inclusion of time limited operations in the works approval, the Delegated Officer considered the following:

- The inclusion of time-limited operations will not significantly alter the current risk profile of the premises or the risks posed by ongoing emissions during the limited additional period of operation.
- Existing Works Approval W6175/2018/1 specifies requirements related to emissions and discharges, which will remain subject to existing conditions and any additional conditions outlined in the risk assessment above.
- Monitoring of emissions and discharges from the premises will continue in accordance with the existing conditions of the works approval, with additional monitoring conditions included in this amendment.
- In the event that additional risks arise in relation to the premises, the CEO may;

  (a) amend the works approval conditions at any point, and
  (b) in the event of an alleged offence, exercise enforcement powers under the provisions of the EP Act.

- The works approval holder has submitted a licence application for the ongoing operation of infrastructure constructed under the works approval beyond the time-limited operations period, which is currently under assessment. Any outstanding concerns regarding the WWTF's operation will be addressed through the comprehensive risk assessment process as part of the licence assessment.
- Authorising a limited period of ongoing operations while the operator of the WWTF is actively engaged in the licensing process ensures continuity in water service provision to the community serviced by this facility.

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

6. Summary of amendments

Table 6 provides a summary of the proposed amendments and will act as record of implemented changes. All proposed changes have been incorporated into the revised works approval as part of the amendment process.

Table 6: Summary of works approval amendments

Condition no.	Proposed amendments
Prescribed premises category throughput table	Added for clarity and to align with current licensing format.
Premises description	Removed reference to Part of Lot 2807 on Deposited Plan 203076 Certificate of Title Volume 1482 Folio 919. Due to lot subdivisions occurring since the initial grant of the works approval, this lot no longer exists. The premises is defined spatially using the coordinates in Schedule 1 of the works approval.
Explanatory notes	Redundant text. Revised to current licensing format.
Definitions	Redundant definitions removed: *Environmental harm, Implementation agreement or decision, Material environmental harm, serious environmental harm, unreasonable emission*
7	Redundant condition. Revised to current licensing format.
21 - 32	Time limited operations conditions added including duration, waste acceptance, disposal of treated wastewater via irrigation, irrigation limits, monitoring and compliance reporting (including groundwater monitoring reporting).

References

1. Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
2. Department of Water and Environmental Regulation (DWER) 2019, *Decision Report W6175/2018/1.* Issued 24 September 2019. Accessed at https://www.der.wa.gov.au/images/documents/our-work/licences-and-works-approvals/Decisions_/W6175-2018-1_A_d.pdf
3. Department of Water and Environmental Regulation (DWER) 2020, *Guideline: Environmental Siting*, Perth, Western Australia.
4. DWER 2020, *Guideline: Risk Assessments*, Perth, Western Australia.