Amendment Report

Application for Licence Amendment

Part V Division 3 of the Environmental Protection Act 1986

Licence Number L6297/1993/11

Licence Holder CLEANAWAY CO PTY LTD

ACN 127 853 561

File Number 2012/001161-1

Premises Cleanaway Co Pty Ltd (Kwinana)

Mason Road

KWINANA BEACH WA 6167

Lot 15 on Diagram 87731

Date of Report 09/08/2021

Decision Revised licence 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

Licence L6297/1993/11 is held by Cleanaway Co Pty Ltd for the Toxfree (Kwinana) premises (the Premises), located at Mason Road in Kwinana Beach.

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 Premises operation using a building constructed to store dangerous goods at the Premises.

As a result of this assessment, Revised Licence L6297/1993/11 has been granted. The Revised Licence issued as a result of this amendment consolidates and supersedes the existing Licence previously granted in relation to the Premises. The Revised Licence has been granted in a new format with existing conditions being transferred, but not reassessed, to the new format.

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 7 April 2021, the Licence Holder submitted an application to the department to amend Licence L6297/1993/11 under section 59 and 59B of the *Environmental Protection Act 1986* (EP Act). This amendment seeks to include the operation of a newly constructed building to store Dangerous Goods.

Licence L6297/1993/10 was amended on 20 December 2019 to include a number of additional waste types and to change the Licence Holder name (from Tox Free Australia Pty Ltd to Cleanaway Co Pty Ltd). The application also included mention of the construction of a Dangerous Goods building which was not assessed during the amendment process.

A clause of the Licence, however, was directly written into the draft documents by the applicant in the 21-day comment period and was overlooked by DWER at the time and prior to granting the final amendment. The end result being that the construction of the Dangerous Goods building was authorised under L6297/1993/10 although no detail was submitted, and no assessment was undertaken in relation to this aspect of the proposal.

Now that construction is complete, this Amendment Report seeks to assess the potential emissions and discharges associated with the operation of this building.

2.3 Administrative changes to Licence

As part of this amendment package, the department has implemented administrative changes to Licence L6297/1993/11. The department has not undertaken any additional risk assessment of the Premises related to these administrative changes.

In updating the Licence, the CEO has:

- revised Licence condition's numbers, removed any redundant conditions and realigned condition numbers for numerical consistency.
- corrected clerical mistakes and unintentional errors.

The full update to Licence conditions as they relate to this Revised Licence are detailed in Section 5.1.

3. Risk assessment

The department assesses the risks of emissions from prescribed premises and identifies the potential source, pathway and impact to receptors in accordance with the *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 Dangerous goods storage

The applicant has advised that there is no change to dangerous goods waste acceptance, only the location in which these wastes are stored. The applicant proposes to accept and store the following dangerous goods within the newly constructed building as detailed in Table 1.

Table 1: Dangerous Goods storage list

Total composition Flammable liquids Incl. paint related materials, thinners, solvents, mixed laboratory solvent, hardeners (isocyanate) hardeners (amine), resin (epoxy) 176 t	Dangerous Goods Name	Dangerous Goods Class	Quantity
Solvent, hardeners (isocyanate) hardeners (amine), resin (epoxy) 176 t	Flammable liquids	3	176 kL
Incl. calcium hypochlorite, dichloroisocyanuric acid, trichloroisocyanuric acid, hydrogen peroxide, permanganate, silver nitrate, 1-bromo-2-chlorodimethylhydantoin Organic peroxides			176 t
trichloroisocyanuric acid, hydrogen peroxide, permanganate, silver nitrate, 1-bromo-2-chlorodimethylhydantoin Organic peroxides 5.2	Oxidising substances	5.1	8 kL
Incl. methyl ethyl ketone peroxide Toxic substances Incl. pesticides (solid & liquid), cyanide solution, mercaptans, herbicides, chlorinated solvents, arsenic, isocyanate hardener Corrosive substances ^{1 2} Incl. inorganic acids, sodium hydroxide, sodium hypochlorite, sodium bisulphite, glutaraldehyde, sulphite solutions, bisulphite solution, sodium hydroxide, titanium tetrachloride, mercury, hydrosure (oxygen scavenger), ammonia, phosphoric acid, sulphuric acid, hydrochloric acid, hydrofluoric acid, nitric acid, perchloric acid Miscellaneous dangerous substances Incl. polychlorinated biphenyls, polychlorinated terphenyls, dibromo difluoromethane, benzaldehyde	trichloroisocyanuric acid, hydrogen peroxide, permanganate, silver		8 t
Toxic substances Incl. pesticides (solid & liquid), cyanide solution, mercaptans, herbicides, chlorinated solvents, arsenic, isocyanate hardener Corrosive substances ^{1 2} Incl. inorganic acids, sodium hydroxide, sodium hypochlorite, sodium bisulphite, glutaraldehyde, sulphite solutions, bisulphite solution, sodium hydroxide, titanium tetrachloride, mercury, hydrosure (oxygen scavenger), ammonia, phosphoric acid, sulphuric acid, hydrochloric acid, hydrofluoric acid, nitric acid, perchloric acid Miscellaneous dangerous substances Incl. polychlorinated biphenyls, polychlorinated terphenyls, dibromo difluoromethane, benzaldehyde	Organic peroxides	5.2	8 kL
Incl. pesticides (solid & liquid), cyanide solution, mercaptans, herbicides, chlorinated solvents, arsenic, isocyanate hardener Corrosive substances ^{1 2} Incl. inorganic acids, sodium hydroxide, sodium hypochlorite, sodium bisulphite, glutaraldehyde, sulphite solutions, bisulphite solution, sodium hydroxide, titanium tetrachloride, mercury, hydrosure (oxygen scavenger), ammonia, phosphoric acid, sulphuric acid, hydrochloric acid, hydrofluoric acid, nitric acid, perchloric acid Miscellaneous dangerous substances Incl. polychlorinated biphenyls, polychlorinated terphenyls, dibromo difluoromethane, benzaldehyde	Incl. methyl ethyl ketone peroxide		8 t
herbicides, chlorinated solvents, arsenic, isocyanate hardener Corrosive substances¹² Incl. inorganic acids, sodium hydroxide, sodium hypochlorite, sodium bisulphite, glutaraldehyde, sulphite solutions, bisulphite solution, sodium hydroxide, titanium tetrachloride, mercury, hydrosure (oxygen scavenger), ammonia, phosphoric acid, sulphuric acid, hydrochloric acid, hydrofluoric acid, nitric acid, perchloric acid Miscellaneous dangerous substances Incl. polychlorinated biphenyls, polychlorinated terphenyls, dibromo difluoromethane, benzaldehyde 79 t 75.5 t	Toxic substances	6.1	151 kL
Incl. inorganic acids, sodium hydroxide, sodium hypochlorite, sodium bisulphite, glutaraldehyde, sulphite solutions, bisulphite solution, sodium hydroxide, titanium tetrachloride, mercury, hydrosure (oxygen scavenger), ammonia, phosphoric acid, sulphuric acid, hydrochloric acid, hydrofluoric acid, nitric acid, perchloric acid Miscellaneous dangerous substances Incl. polychlorinated biphenyls, polychlorinated terphenyls, dibromo difluoromethane, benzaldehyde			151 t
bisulphite, glutaraldehyde, sulphite solutions, bisulphite solution, sodium hydroxide, titanium tetrachloride, mercury, hydrosure (oxygen scavenger), ammonia, phosphoric acid, sulphuric acid, hydrochloric acid, hydrofluoric acid, nitric acid, perchloric acid Miscellaneous dangerous substances Incl. polychlorinated biphenyls, polychlorinated terphenyls, dibromo difluoromethane, benzaldehyde	Corrosive substances ¹²	8	79 kL
scavenger), ammonia, phosphoric acid, sulphuric acid, hydrochloric acid, hydrofluoric acid, nitric acid, perchloric acid Miscellaneous dangerous substances Incl. polychlorinated biphenyls, polychlorinated terphenyls, dibromo difluoromethane, benzaldehyde 79 t 79 t 75.5 kL	bisulphite, glutaraldehyde, sulphite solutions, bisulphite solution,		
Incl. polychlorinated biphenyls, polychlorinated terphenyls, dibromo difluoromethane, benzaldehyde 75.5 t	scavenger), ammonia, phosphoric acid, sulphuric acid, hydrochloric		79 t
difluoromethane, benzaldehyde	Miscellaneous dangerous substances	9	75.5 kL
			75.5 t
Flammable gases ³ 2 135 kL	Flammable gases ³	2	135 kL
Incl. aerosol cans, LPG cylinders	Incl. aerosol cans, LPG cylinders		

Note 1: Acids and bases stored separately.

The applicant currently holds Dangerous Goods Site Licence DGS014124 under the Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007 (administered by the Department of Mines, Industry Regulation and Safety (DMIRS)).

Note 2: Hydrofluoric acid stored in secondary containment.

Note 3: These materials will not be stored within the newly constructed dangerous goods building.

This Licence authorises the holder to store or handle dangerous goods as specified on the Licence in accordance with the conditions and requirements administered by DMIRS.

The applicant has also consulted and provided preliminary architectural, electrical and hydraulic plans to the Department of Fire and Emergency Services (DFES) as required by Regulation 18B of the Building Regulations 2012. In response, DFES provided comments and additional requirements relating to emergency vehicle access and onsite infrastructure. The applicant has advised that all outstanding items have been addressed and any non-compliances will be rectified prior to commencement of storage and operations in the dangerous goods building.

3.1.2 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 2 below.

Table 2 also details the proposed control measures the Licence Holder has proposed to assist in controlling these emissions, where necessary.

Table 2: Licence Holder controls

Emission	Sources	Potential pathways	Proposed controls
Dust	Waste unloading/loading, treatment and disposal Vehicle movements	Air/windborne pathway	Emission not expected, no additional controls proposed.
Noise	Waste unloading/loading, treatment and disposal Vehicle movements	Air/windborne pathway	 Statutory obligation to comply with the Environmental Protection (Noise) Regulations 1997. Premises plant is risk assessed every six months to ensure controls are effective. Premises located in industrial area with sufficient separation to residential receptors to reduce impact. No additional controls proposed.
Odour	Waste unloading/loading, treatment and disposal	Air/windborne pathway	Premises located in industrial area with sufficient separation to residential receptors to reduce impact. No additional controls proposed.
Contaminated stormwater	Storage of dangerous goods- breach of containment, spills resulting in release of contaminated water	Seepage and run-off to soil and groundwater	 Building is roofed and sealed with an impervious bunded hardstand and a sealed drainage collection network. Waste products to be stored within the newly constructed dangerous goods building. Building doors are kept closed at all times other than when receiving bulk deliveries or loading out bagged products. Regular housekeeping inspections of the whole site.

Emission	Sources	Potential pathways	Proposed controls
			Regular cleaning both inside the shed and on all trafficable and yard surfaces.
			Immediate clean-up of spills should they occur.
			Minimising the volume of potentially contaminated stormwater by re-directing uncontaminated stormwater away from areas of potential contamination.
			Sub-divided bunds are provided for the whole of the building to meet AS 3833:2007 requirements.
			 Non-process areas are bitumen sealed, bunded and stormwater drains to onsite soakwells.
			Surface water drains to blind sealed sumps. Once assessed for contamination wastewater from the sumps is stabilised onsite and dispatched to a licensed liquid waste treatment plant.
Fire/smoke	Fire/smoke in the event of a fire incident	Air/windborne pathway	Chemicals and dangerous goods storage managed in accordance with the Dangerous Goods Site Licence DGS014124 as required under the Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007.
			The dangerous goods building including fire protection systems are installed and operated in accordance with AS/NZS 3833:2007 – The storage and handling of mixed classes of dangerous goods, in packages and intermediate bulk containers.
			Automatic fire suppression system (fire sprinkler system) installed in accordance with AS 2118.1:2017 – Automatic fire sprinkler systems general systems.
			Fire hydrants installed in accordance with AS 2419.1:2017 – Fire hydrant installations system design, installation and commissioning.
			A 340 kL fire water storage tank installed in accordance with AS 2304:2019 – Water storage tanks for fire protection systems.
			Fire hose-reels installed in accordance with AS 2441-2005 – Installation of fire hose reels and AS/NZS 1221:1997 – Fire hose reels.
			Fire detection and occupant warning system installed in accordance with AS 1670.1:2018 – Fire detection, warning, control and intercom systems – system design, installation and commissioning.

Emission	Sources	Potential pathways	Proposed controls
			 Fire detection control and indicating equipment panel connected to a direct brigade alarm to automatically notify brigade to attend site upon a general fire alarm. Portable fire extinguishers installed in
			accordance with AS 2444-2001 – Portable fire extinguishers and fire blankets – selection and location. Extinguishers positioned adjacent to exit doors and relevant areas of risk.
			All fire protection facilities will be compatible with the Department of Fire and Emergency Services equipment.
			Gas detection system installed in accordance with AS 4641:2018 – Electrical equipment for detection of oxygen and other gases and vapours at toxic levels – general requirements and test methods.
			Continuous mechanical ventilation system with airflow failure alarms installed in accordance with AS 3833:2007.
			Onsite staff will be trained for emergency evacuation and recognition of fire cues and fire alarm tones.
			No combustible items will be within 3m of the dangerous goods building.
			High risk activities, such as mixing, blending or package filling will not be carried out within the dangerous goods building.
			The forklifts used in the operation are explosion proof and are suitable for operation in hazardous zone and comply with the requirement of AS 1915-1992 – Electrical equipment for explosive atmospheres – battery-operated vehicles.
Fire water	Release of fire water in the event of fire	Discharge to land and stormwater	Building is built over an impervious hardstand with sub-divided bunds and sealed drainage collection sumps.
	extinguishing	system Infiltration to groundwater	Wastewater from these sumps is assessed for contamination and dispatched to a licensed liquid waste treatment plant where required.
			Ongoing maintenance of onsite drains and sumps to ensure the continued performance of the stormwater and drainage systems.

3.1.3 Receptors

In accordance with the *Guidance Statement: Risk Assessment* (DER 2017), 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 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 (*Guidance Statement: Environmental Siting* (DER 2016)).

Table 3: Sensitive human and environmental receptors and distance from prescribed activity

Human receptors	Distance from prescribed activity
ACCENSI offices, 16 Thomas Road, Kwinana Beach	≈ 200m south-east of Premises boundary
AGL Kwinana Energy Offices, Burton Place, Kwinana Beach	≈ 210m north-east of Premises boundary
Tronox Limited offices, Mason Road, Kwinana Beach	≈ 280m south-west of Premises boundary
Kwinana United Soccer and Social Club, Thomas Oval and Thomas Kelly Pavilion, Rowson Place, Medina	≈ 1.8km south-east of Premises boundary
Residential suburb of Medina. Closest private dwellings on Bingfield Road West, Medina. Suburb includes a primary school and daycare centre.	≈ 2.1km to the south-east of Premises boundary
Environmental receptors	Distance from prescribed activity
Environmental receptors Cockburn Sound	Distance from prescribed activity ≈ 1.7km north-west of premises boundary
-	
Cockburn Sound	≈ 1.7km north-west of premises boundary ≈ 4.0m to groundwater, with a salinity of 500 to
Cockburn Sound Cockburn Groundwater Area Threatened fauna – Forest red-tailed black	≈ 1.7km north-west of premises boundary ≈ 4.0m to groundwater, with a salinity of 500 to 1000mg/L (considered to be fresh) ≈ 800m to the north-east of Premises
Cockburn Sound Cockburn Groundwater Area Threatened fauna – Forest red-tailed black cockatoo (Calyptorynchus banksia naso) habitat Threatened fauna – Quenda (Isoodon obesulus	 ≈ 1.7km north-west of premises boundary ≈ 4.0m to groundwater, with a salinity of 500 to 1000mg/L (considered to be fresh) ≈ 800m to the north-east of Premises boundary ≈ 200m to the south-west of the Premises

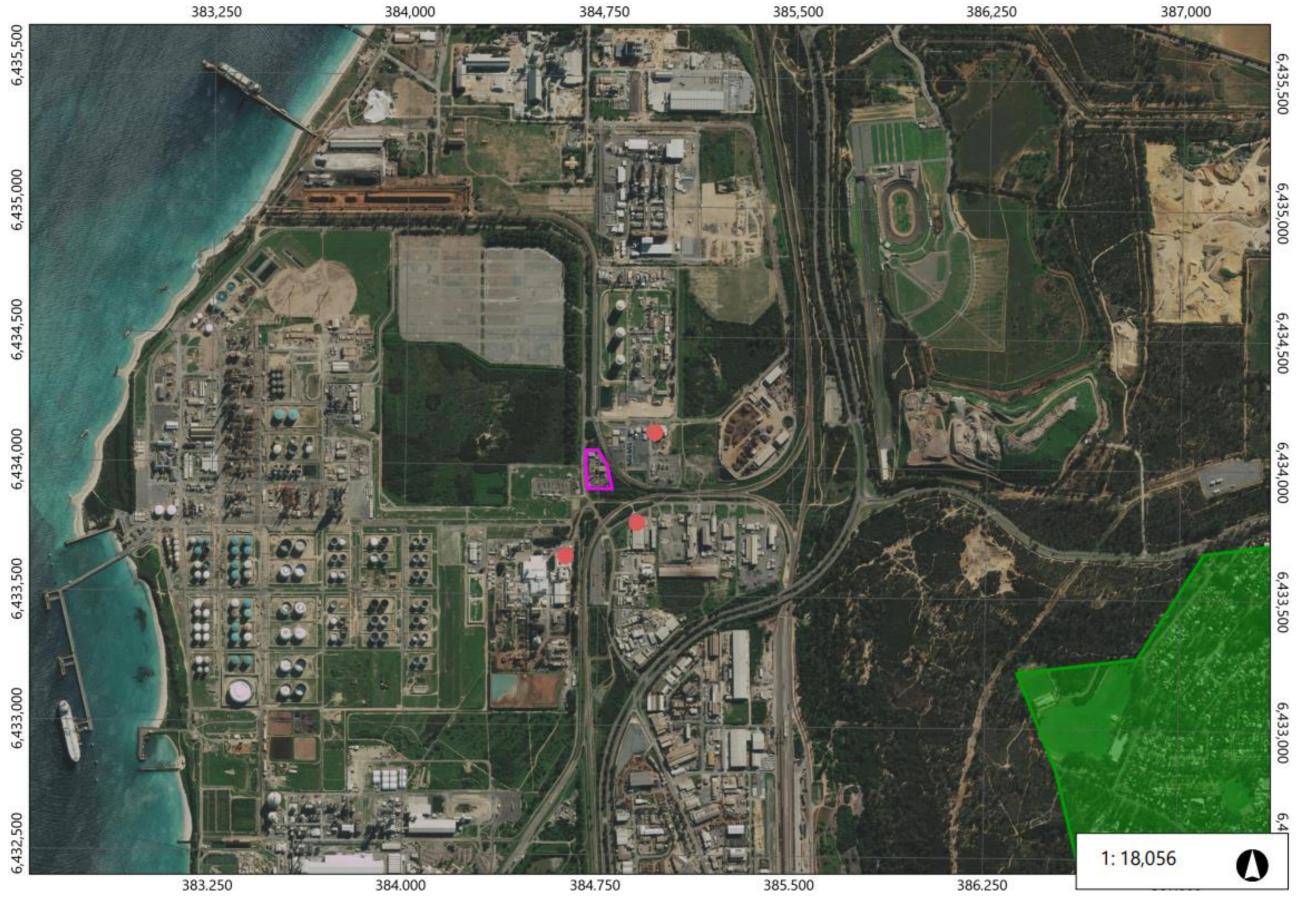


Figure 1: Proximity of sensitive human receptors to the prescribed premises boundary (pink). The red dots indicate nearby commercial human receptors and the green shaded area indicates the closest residential human receptors

3.2 Risk ratings

Risk ratings have been assessed in accordance with the *Guidance Statement: Risk Assessments* (DER 2017) 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 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 4.

The Revised Licence L6297/1993/11 that accompanies this Amendment Report authorises emissions associated with the operation of the Premises i.e. operating using the newly constructed building to store dangerous goods.

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

Table 4. Risk assessment of potential emissions and discharges from the Premises during operation

Risk Event					Risk rating ¹ Licence								
Source/Activities	Potential emission	Potential pathways and impact	Receptors	Licence Holder's controls	C = consequence L = likelihood	Holder's controls sufficient?	Conditions ² of Licence	Justification for additional regulatory controls					
Operation	Operation												
Receipt, storage	Dust		human receptors		C = Minor L = Rare Low Risk	Yes	Condition 15	N/A					
and dispatch of dangerous goods materials Vehicle	Noise	Air/windborne pathway			L = Lo C : L =	C = Minor L = Rare Low Risk	Yes	Premises operations are subject to the Environmental Protection (Noise) Regulations 1997.	N/A				
movements	Odour	- causing impacts to health and amenity				C = Minor L = Rare Low Risk	Yes	Condition 16	N/A				
Receipt, storage and dispatch of dangerous goods materials	Fire/smoke in the event of a fire incident			Refer to Table 2							C = Major L = Unlikely Medium Risk	Yes	Condition 10 Condition 11 (a) (b) Condition 23
Fire incident on the Premises	Release of fire water in the event of fire extinguishing.	Overland runoff potentially causing ecosystem disturbance or via seepage (infiltration) impacting underlying groundwater.	Beneficial users of groundwater.		C = Moderate L = Unlikely Medium Risk	Yes	Condition 1 Condition 11 (c) (d)	The Delegated Officer considers the addition of regulatory controls appropriate in ensuring water and other waste from firefighting is captured and contained within the premises.					
Receipt, storage and dispatch of dangerous goods materials	Contaminated run-off — stormwater interacting with spills in and out of the building.	Potential for impacted groundwater to migrate off-site and impact sensitive water catchments and downgradient groundwater users.	Adjacent industrial premises.		C = Minor L = Unlikely Medium Risk	Yes	Condition 1 Condition 2 Condition 3 Condition 10 Condition 14	Conditions added as per Licence Holders proposed actions and controls.					

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

Note 2: Proposed Licence 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
City of Kwinana advised of proposal on 12 May 2021 (DWERDT468048)	The City of Kwinana's Environmental Health Officer replied on 31 May 2021 and advised that the plans are consistent with the development approval and there are no outstanding conditions from the development application.	Noted.
Licence Holder was provided with draft Licence and Amendment Report on 20 July 2021	The Licence Holder responded on 29 July 2021 and provided an updated site plan and waste storage and processing area plan. The Licence Holder also provided some clarification on the following:	The Department notes the Licence Holder's comments and has updated the licence conditions and site plans
(DWERDT484702)	The premises receives a maximum of 50 waste tyres per annual period and is an incidental waste stream only.	accordingly.
	 PFAS contaminated material storage and processing is conducted on a concrete bunded hardstand. 	
	The High Shear Mixing trial has not commenced and is scheduled for July 2023 at the earliest.	
	The installation of blind sealed sumps in the new concrete unloading area as per Table 7 in the licence has not commenced. Future consideration will be given once the DG storage building is operational.	
	The installation of concrete hardstand in the unloading area as per Table 7 in the licence has not commenced. Future consideration will be given once the DG storage building is operational.	

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 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 Licence as part of the amendment process.

Table 6: Summary of Licence amendments

Existing condition/table	Condition summary	Revised Licence condition	Conversion notes
Condition 1	Stormwater management	Condition 1	No change.
Condition 2	Recovery and removal of spills	Condition 2	No change.
Condition 3	Infrastructure to manage stormwater	Condition 3	No change.
Condition 4	Record and investigate exceedances of limits or targets	N/A	Redundant condition. Deleted from Licence.
Condition 5 Table 1	Waste acceptance	Condition 4 Table 1	Table wording updated to reference waste acceptance and include the approved premises production capacity tonnages (change in format from previous licence).
			Waste acceptance/processing requirements related to the High Shear Mixer trial relocated to Condition 6: Waste Processing Requirements.
			Additional acceptance requirements specified for asbestos waste consistent with the requirements outlined in the <i>Environmental Protection (Controlled Waste) Regulations</i> 2004.
Condition 6 Table 2	Waste processing	Condition 6 Table 2	Specifications added to each waste type identifying the location of waste storage and processing activities, and method of storage where not previously specified on the licence.
			Processing requirements relating to waste tyres and waste sludges relocated from Table 1 to Table 2.
Condition 7	Non-conforming waste	Condition 5	Condition moved below Table 1.
Condition 8	Waste leachable concentration limits	Condition 7	Minor changes to reference concentration limits as well, consistent with the waste characterisation requirements outlined in the Landfill Definitions.
Condition 9	PFAS contaminated materials	Condition 8	Minor changes to reference leachable concentration limits and remove reference to the PFAS NEMP. Currently, landfills that are licensed to accept and dispose of PFAS contaminated materials will have the relevant waste acceptance levels included in licence conditions.
Condition 10	Representative batch testing.	Condition 9	No change.
N/A	Infrastructure and equipment requirements	Condition 10 Table 3	New condition and table to include the newly constructed dangerous goods storage building. Design and operational requirements added as per applicants proposed controls.

Existing condition/table	Condition summary	Revised Licence condition	Conversion notes
N/A	Fire prevention and control	Condition 11	New condition added to ensure fire equipment is suitable and maintained to control fires, firefighting water is contained on the premises and any fire is extinguished as soon as possible.
Condition 11	Security measures	Condition 12	No change.
Condition 12	Pest prevention	Condition 13	No change.
Condition 13	Stormwater and drainage system maintenance	Condition 14	No change.
Condition 14	Dust containment	Condition 15	No change.
Condition 15	Odour containment	Condition 16	No change.
Condition 16 Table 3	Monitoring of inputs and outputs	Condition 17 Table 4	No change.
Condition 17	Record-keeping	Condition 18 and 19	Condition wording updated into new Licence format.
Condition 18	Annual Audit Compliance Report	Condition 20	Condition wording updated into new Licence format.
Condition 19	Complaints management	Condition 21	Condition wording updated into new Licence format.
Condition 20	Waste record- keeping	Condition 22	No change.
Condition 21	Premises visual checks and inspection	Condition 23	No change.
Condition 22 Table 4	Annual Environmental Report	Condition 24 Table 5	No change.
Condition 23 Table 5	Non-annual reporting requirements	Condition 25 Table 6	Minor administrative changes.
Condition 24 Table 6	Notification requirements	Condition 26 Table 6	No change.
Table 7	Definitions	Table 8	New definitions added.
Schedule 1: Maps	Prescribed premises boundary	Schedule 1: Maps	Figure 1 has been updated to clearly mark the premises boundary.
Premises map Figure 1	Site layout plan	Premises map	Figure 2 has been updated to include the dangerous goods warehouse and associated infrastructure.
Figure 2		Figure 1 Figure 2	Addition of Figure 3 to indicate waste storage and processing areas.

Existing condition/table	Condition summary	Revised Licence condition	Conversion notes
		Figure 3 Figure 4	Addition of Figure 4 detailing the fire control system for the dangerous goods building.

References

- 1. DER July 2015. *Guidance Statement: Regulatory principles*. Department of Environment Regulation, Perth. Accessed at www.dwer.wa.gov.au
- 2. DER, October 2015. *Guidance Statement: Setting conditions*. Department of Environment Regulation, Perth. Accessed at www.dwer.wa.gov.au
- 3. DER, August 2016. *Guidance Statement: Licence duration*. Department of Environment Regulation, Perth. Accessed at www.dwer.wa.gov.au
- 4. DER, November 2016. *Guidance Statement: Environmental Siting*. Department of Environment Regulation, Perth. Accessed at www.dwer.wa.gov.au
- 5. DER, February 2017. *Guidance Statement: Risk Assessments*. Department of Environment Regulation, Perth. Accessed at www.dwer.wa.gov.au
- 6. DWER, June 2019. *Guideline: Decision Making*. Department of Water and Environmental Regulation, Perth. Accessed at www.dwer.wa.gov.au
- 7. DWER, June 2019. *Guideline: Industry Regulation Guide to Licensing*. Department of Water and Environmental Regulation, Perth. Accessed at www.dwer.wa.gov.au

Appendix 2: Application validation summary

SECTION 1: APPLICATION SUMMARY (as updated from validation checklist)							
Application type							
Works approval							
		Relevant works approval number:		None			
		Has the works approvith?	oval been complied	Yes 🗆	No □		
Licence		Has time limited ope works approval dem acceptable operatio	nonstrated	Yes □	No □ N/A □		
		Environmental Com Critical Containmen Report submitted?		Yes □	No □		
		Date Report receive	ed:				
Renewal		Current licence number:					
Amendment to works approval		Current works approval number:					
Amendment to licence		Current licence number:	L6297/1993/11				
Amendment to licence		Relevant works approval number:		N/A			
Registration		Current works approval number:		None			
Date application received		7 April 2021					
Applicant and Premises details							
Applicant name/s (full legal name/s)		Cleanaway Co Pty I	_td				
Premises name		Toxfree Kwinana					
Booking to only		Lot 15 on Diagram 87731					
Premises location		Mason Road KWINANA BEACH WA 6067					
Local Government Authority		City of Kwinana					
Application documents							
HPCM file reference number:		2012/001161-1~4					
Key application documents (additional to application form):		"Att 3B DGLA Bound DGS014124 Rev 0 260221.pdf" "Att 8a Fire DFES Response Letter – Dangerous Goods Building Kwinana.pdf" "Att 8b Fire 337486-4-2-A2C.pdf" "Att 9 Proposed_Amendment_Fee_Calculator_FINAL(1).xlsx"					
Scope of application/assessment	"Attachment 2 19-252-A1.01-SITE PLAN-d (003).pdf" Scope of application/assessment						
Summary of proposed activities or changes to existing operations.		Operation of constructed Dangerous Goods building.					

Category number/s (activities that cause the premises to become prescribed premises) Table 1: Prescribed premises categories Prescribed premises category and Assessed production or design Proposed changes to the description production or design capacity capacity Category 61: liquid waste facility 100,000 tonnes per annual No change proposed period (tpa) 100,000 tonnes per annual period Category 61A: solid waste facility No change proposed Legislative context and other approvals Referral decision No: Has the applicant referred, or do they intend to refer, their proposal to the EPA Yes □ No ⊠ Managed under Part V □ under Part IV of the EP Act as a significant proposal? Assessed under Part IV □ Does the applicant hold any existing Part Ministerial statement No: IV Ministerial Statements relevant to the Yes □ No ⊠ **EPA Report No:** application? Has the proposal been referred and/or Reference No: Yes □ No ⊠ assessed under the EPBC Act? Certificate of title □ General lease □ Expiry: Has the applicant demonstrated Yes ⊠ No □ occupancy (proof of occupier status)? Mining lease / tenement □ Expiry: Other evidence □ Expiry: Has the applicant obtained all relevant Approval: planning approvals? Yes ⊠ No □ N/A □ Expiry date: If N/A explain why? Has the applicant applied for, or have an CPS No: N/A existing EP Act clearing permit in relation Yes □ No ⊠ No clearing is proposed. to this proposal? Has the applicant applied for, or have an Application reference No: N/A existing CAWS Act clearing licence in Yes □ No ⊠ Licence/permit No: N/A relation to this proposal? No clearing is proposed. Has the applicant applied for, or have an Application reference No: existing RIWI Act licence or permit in Yes □ No ⊠ Licence/permit No: relation to this proposal? 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: N/A
Is the Premises situated in a Public Drinking Water Source Area (PDWSA)?	Yes □ No ⊠	Name: N/A Priority: P1 / P2 / P3 / N/A Are the proposed activities/ landuse compatible with the PDWSA (refer to WQPN 25)? Yes □ No □ N/A □
Is the Premises subject to any other Acts or subsidiary regulations (e.g. Dangerous Goods Safety Act 2004, Environmental Protection (Controlled Waste) Regulations 2004, State Agreement Act xxxx)	Yes ⊠ No □	Dangerous Goods Safety (Storage and Handling of Non-explosives) Regulations 2007. Environmental Protection (Controlled Waste) Regulations 2004
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 Contaminated Sites Act 2003?	Yes ⊠ No □	Site ID 4208 Classification: contaminated — restricted use (C–RU) Date of classification: 26 June 2013 The land use of the site is restricted to commercial/industrial use. The summary of records states that "The integrity of the bitumen hardstand over contaminated soil and the stormwater containment system must be maintained."