



Application for Works Approval

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

Works Approval Number W6960/2024/1

Applicant Hayes Metals Pty Ltd

ACN 677 825 768

File number DER2024/000417

Premises Hayes Recycling
47 Hope Valley Road
NAVAL BASE WA 6165

Legal description
Lot 47 on Diagram 52222
Certificate of Title Volume 1498 Folio 324
As defined by the premises maps attached to the issued works approval

Date of report 27 November 2024

Decision Works approval granted

Grace Heydon
MANAGER, WASTE INDUSTRIES
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 W6960/2024/1 has been granted.

2 Scope of assessment

2.1 Regulatory framework

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

2.2 Application summary

On 1 August 2024, Hayes Metals Pty Ltd (the applicant) submitted an application for a works approval to the department under section 54 of the Environmental Protection Act 1986 (EP Act).

The applicant is proposing to establish and operate a reprocessing facility that uses equipment and machinery to separate, and then process subsea flexible and rigid pipes into metals and plastic materials of different grades and sizes for export or on-sale to Australian foundries. The premises is located within the City of Kwinana. The premises is zoned 'General Industry' under the City of Kwinana's Town Planning Scheme 2 and is currently approved for metal recycling and metal fabrication.

The premises relates to the category and assessed production capacity under Schedule 1 of the Environmental Protection Regulations 1987 (EP Regulations) which are defined in works approval W6960/2024/1. The infrastructure and equipment relating to the premises category and any associated activities which the department has considered in line with Guideline: Risk Assessments (DWER 2020) are outlined in works approval W6960/2024/1.

The works approval application is to undertake the following construction works to the existing warehouse on site:

- Modifications to processing warehouse layout and exterior;
- Construction and installation of the recycling plant including enclosed picking lines;
- Installation of mechanical fragmentising equipment, enclosed in noise mitigation housing including the installation of a misting system;
- Placement of mobile equipment; and
- Placement of sea containers along the south boundary for storage.

2.2.1 Description of operations

The following information provided by the applicant in relation to the proposed activities has been summarised as follows:

- Pre-acceptance - Waste generator requests waste to be processed at Hayes facility.
- Washing and transport of pipes - Waste arrives at the facility clean and with a 'Declaration of Clearance' that it has been cleaned and contains no hazardous materials.
- Receival – Site administration is advised in advance of the type of vehicle (i.e. sea container, bathtub, flatbed truck) transporting pipes so appropriate equipment and procedures can be identified and arranged prior to arrival

- Load registration and inspection - Upon arrival at the premises:
 - vehicles (pipes) are inspected before being allowed to proceed into the facility. Non-conforming loads are rejected, and site administration is informed;
 - each load is weighed;
 - a customer 'signing' document is completed;
 - Information about the waste type being received is recorded and 'signed off'; and
 - a 'declaration of waste' being non-hazardous is obtained.
- Unloading and inspection - Loads are tipped at designated unloading and pipe storage area.
- SURF Recycling Plant process – consisting of the following:
 - Initial mechanical fragmenting of the used pipes is undertaken in an enclosed unit. A fine mist keeps the process cool and damp without generating discharge water. The hooded system is designed to capture all moisture generated within the process. Wastewater is not generated due to the low volumes and misting nature of water use. All water generated remains on the product which dries in future stages of the process.
 - To ensure the integrity and quality of the recyclables, processing occurs in a specific sequence to liberate the various components of the pipes. The equipment used ensures that the plastic is liberated and recyclable.
 - Recyclables move in the processing warehouse on a series of conveyor belts and units designed to further sort and granulate material. Material is sorted using purpose-built units, which further separates the metals into the various components (using materials attracting technologies, manual, sortation and separation technologies). Technology utilised for separating is mechanical and does not involve chemical cleaning or leaching processes. Steel is collected in bins for product distribution. Waste is disposed in bins for disposal to the appropriate licenced facility.

The applicant has provided a flow chart outlining the processes undertaken at the premises to facilitate the recycling of the subsea flexible and rigid pipes which is outlined in Figure 1.

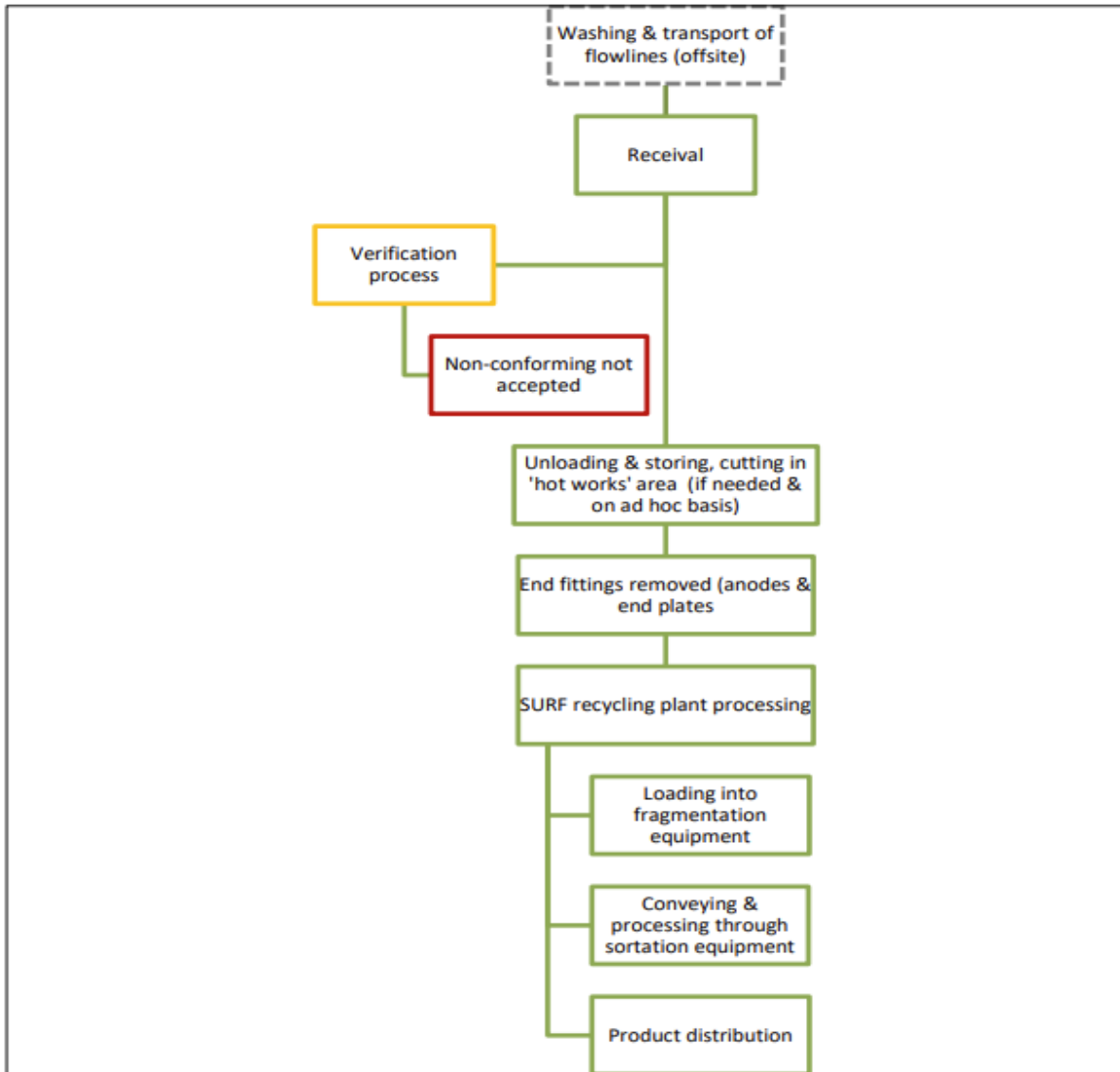


Figure 1: Premises process overview

2.2.2 Noise impact assessment

The applicant has indicated that site equipment will be regularly serviced to ensure there is no additional noise or vibration generated. A complaints register will also be maintained at the Premises, and if any noise related complaints are received, the source of the excessive noise will be identified and removed from operational work until the issue is resolved.

The applicant engaged a consultant to undertake a Noise Impact Assessment (NIA) of potential noise and vibration impacts for operation of the premises using acoustic model SoundPLAN 8.2 with CONCAWE algorithms. Operational noise impacts have been predicted based on worst case scenario and have been assessed against the Western Australia environmental noise criteria.

The facility will operate for 5 days initially; however, 7 days of operations are submitted on the works approval application to allow for scaling up of activities and as a contingency for any unscheduled operational 'downtime'. The facility will be open from 6 a.m. to 7 p.m. Monday through Friday and 7 a.m. to 12 p.m. on Saturdays and Sundays (if / as needed).

The applicant undertook the following worst case operating scenario assumption for modelling purposes. For the 'worst-case' operating scenario it has been assumed that all plant listed below will be running simultaneously at 100% capacity. The nearest sensitive receptors are listed in

Figure 2 below. Sound power levels used for calculation purposes are presented in Table 2.

Considerations within the NIA include the following:

- **Hours of Operations:**
 - 0700-1900hrs, Monday to Friday
 - 0700-1200hrs, Saturday
 - Mechanical plant is only operational during Hours of Operations.
- **Vehicle Movements:**
 - HR Trucks (Approximately 45 per week)
 - Utes o LR Small Truck
 - 2 Forklifts on Tyres – working 25% of the time.
 - Excavator Liebherr R934 (rear of the building) – working 25% of the time.
- **Machinery**
 - Plastic Sorting Machine
 - Metal Sorting Machine
 - Belt Conveyors with three-phase motor (2kW to 10 kW)
 - Material Screening Machine
 - Air Compressor & Dryer Unit
 - Cutting Machine
 - All machinery listed above is assumed to be running 100% of the time.

Receiver	Address	Receiver Type	Approximate Separation Distance, m
IN1	47, Hope Valley Rd, Naval Base	Industrial	60
IN2			15
IN3			80
IN4			80
IN5			60
IN6	45, Hope Valley Rd, Naval Base		100
IN7			65
IN8	43, Lionel St, Naval Base		125
IN9	41, Lionel St, Naval Base		130
IN10	39, Lionel St, Naval Base		150

Figure 2: Noise sensitive receiver locations

The NIA and concluded that based on the predicted noise levels and adopted considerations, the proposed use of the site is expected to comply with the *Environmental Protection (Noise) Regulations 1997* (Noise Regulations).

The findings of the NIA were reviewed by DWER’s Environmental Noise Branch (ENB) to confirm compliance with the Noise Regulations, who identified the following:

1. The methodology of noise modelling seems correct. However, the noise compliance assessment conducted by Vipac is either incorrect or incomplete.
2. The proposed operations are not expected to significantly contribute to noise

exceedances of the *Environmental Protection (Noise) Regulations 1997* under the cumulative scenario.

3. The mobile plants that may need to operate outside the sheds at times can be the most significant noise contributors from the operations as received by the nearest residential receptors, though the noise compliance at these receptors (approximately 2km away) is not an issue.
4. The results and conclusions may not be accurate or complete, but the compliance with the Noise Regulations may be achieved.
5. Except for the existing sheds, no other noise mitigation measures, such as noise barrier/walls, have been proposed, which is considered acceptable to ENB. However, there may be a risk over the proposed operation in the hours between 0600-0700hrs Monday to Friday, when the night-time assigned noise levels apply. The safe margin during this time period for the proposed operation is small.
6. While ENB does not recommend any further noise mitigation controls, the proponent may be required to consider the removal of the time period 0600-0700hrs Monday to Friday from the proposed operation hours for reducing the risk, or conduct a post noise verification to demonstrate the noise compliance at the neighbouring noise sensitive receivers during this time period; and

Given that the noise modelling indicates compliance with the assigned levels, it is expected that the premises can comply with the assigned levels. As such, the Delegated Officer considers that there is no evidence that the premises will pose unreasonable risks and impacts to the sensitive receptors identified at this stage that would prevent the issuing of the works approval.

If any concerns relating to noise emissions are received during the construction or time limited operations phases of the works approval, the Delegated Officer may request further noise assessments be undertaken by the applicant to confirm that Premises operations are in compliance with the Noise Regulations. Should this not be able to be demonstrated, the Delegated Officer may consider the need for additional regulatory control through the assessment of the subsequent Licence application required to authorise ongoing operations at the premises.

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 construction and operation which have been considered in this decision report are detailed in Table 1 below. Table 1 also details the control measures the applicant has proposed to assist in controlling these emissions, where necessary.

Table 1: Proposed applicant controls

Emission	Sources	Potential pathways	Proposed controls
Construction			
Dust	<p>Modifications to the processing warehouse including the construction of the roof/wall cladding</p> <p>Construction and installation of the SURF recycling plant</p> <p>Liberator Installation</p> <p>Vehicle movements</p> <p>Construction & installation of picking stations</p>	Air / windborne pathway	<p>Work areas, access points and driveways have been sealed.</p> <p>Short term nature and extent of construction activities.</p> <p>Prevailing wind direction for the area is in a south westerly direction (away from industrial receptors).</p> <p>All dust-generating activities will be inspected daily.</p> <p>Site speed limit will be < 10kms.</p> <p>Appropriate signage to be erected.</p> <p>Management strategies for controlling dust that will be employed include the use of water carts, reduced speeds, signage to vehicle drivers and plant/equipment and barriers.</p> <p>Site staff and contractors will be inducted and informed of potential emissions and measures to manage including site specific management plans.</p> <p>Recycling plant construction and installation, and associated service / utility requirements to occur in enclosed warehouse processing facility</p> <p>Site is landscaped with vegetation surrounding the site boundaries to the north, east and west, with bushland located to the southern boundary</p> <p>Site supervisor to monitor (visual / auditory) dust and noise at the boundary of the property on daily basis during construction and installation.</p> <p>Any dust complaints received will be investigated and addressed.</p>
Noise			<p>Construction activities to occur in line with Western Australian Environmental Protection (Noise) Regulations 1997 from 7am to 7pm.</p> <p>Site staff and contractors will be inducted and informed of potential emissions and measures to manage including site specific management plans:</p> <p>Site is landscaped with vegetation surrounding the site boundaries to the north, east and west, with bushland located to the southern boundary.</p>

Emission	Sources	Potential pathways	Proposed controls
			<p>Site speed limit will be < 10kms.</p> <p>Appropriate signage to be erected.</p> <p>Regular inspection and maintenance of equipment and machinery to ensure that it is in good condition.</p> <p>Machinery and equipment will be operated in an effective manner to minimise noise.</p> <p>Recycling plant construction and installation, and associated service / utility requirements to occur in enclosed warehouse processing facility</p> <p>Workers would be inducted about noise from the works and reduction strategies.</p> <p>Noise monitoring will be undertaken if community complaints are received to ensure that noise mitigation measures have been effectively implemented.</p> <p>Site supervisor to monitor (visual / auditory) dust and noise at the boundary of the property on daily basis during construction and installation.</p>
Operation			
Dust	<p>Operation of the SURF recycling plant</p> <p>Stockpiling of scrap metal</p> <p>Traffic movements and deliveries</p> <p>Sorting and load preparation</p> <p>Distribution of product from site</p>	Air / windborne pathway	<p>Site is landscaped with vegetation surrounding the site boundaries to the north, east and west, with bushland located to the southern boundary.</p> <p>No sensitive residential receptors within 2 kms of the site boundaries.</p> <p>Sealed hardstand across the site.</p> <p>Equipment fitted with mist (spray) nozzles for dust suppression.</p> <p>Work areas, access points and driveways have been sealed.</p> <p>General housekeeping, including sweeping, will be undertaken to limit the amount of dust in work areas.</p> <p>All dust-generating activities will be inspected daily.</p> <p>All exposed material with the potential to generate dust will be wetted before dust generation occurs using the following:</p> <p>Routine maintenance of machinery will be carried out to ensure efficient operation (to minimise exhaust particulate emissions).</p> <p>All personnel (including contractors) to be informed of their responsibilities and the</p>

Emission	Sources	Potential pathways	Proposed controls
			<p>importance of minimising ambient dust levels during site inductions.</p> <p>Site speed limit will be < 10kms.</p> <p>Appropriate signage will be erected.</p> <p>All Hayes Recycling employees will be required to undergo a site-specific induction outlining operational activities and controls in relation to the 'Environmental Management Plan' for the site.</p> <p>Any dust complaints received will be investigated and addressed.</p> <p>Toolbox meetings: Will be held to communicate any practices / measures to be implemented</p>
Noise			<p>Storage of flexible and rigid pipes (no more than 10m high) will act as a noise barrier to the warehouse / buildings on the property east of the facility.</p> <p>Training: All Hayes Recycling employees will be required to undergo a site-specific induction outlining operational activities and controls in relation to the 'Environmental Management Plan' for the site.</p> <p>Toolbox meetings will be held to communicate any practices / measures to be implemented.</p> <p>Sea containers can act as sound barriers along a portion of the southern of the premises to mitigate any noise risk to sensitive receptors.</p> <p>Receival & unloading undertaken between 7am & 7pm in line with noise regulations.</p> <p>Unloading area buffered by enclosed warehouse buildings to the north, west, east, and bushland to the south.</p> <p>Conveyor is covered to mitigate noise conveying metals externally to quality assurance station.</p> <p>Well maintained and low noise generating machinery would be used and machinery operated at the minimum necessary power setting.</p> <p>Clear instructions to logistics companies on handling of pipes on site via bulk tipper.</p> <p>Regular inspection and maintenance of equipment and machinery to ensure that it is in good condition.</p> <p>Site speed limit will be < 10kms.</p>

Emission	Sources	Potential pathways	Proposed controls
			<p>Appropriate signage will be erected.</p> <p>“Croakers” fitted to mobile equipment & vehicles to mitigate noise.</p> <p>Workers will be inducted about noise from the works and reduction strategies.</p> <p>The hydraulic power unit is enclosed within the building.</p> <p>Equipment fitted with hood.</p> <p>Noise monitoring will be undertaken if community complaints are received to ensure that noise mitigation measures have been effectively implemented.</p>
Fire/smoke	<p>Bushfire</p> <p>Oxy cutting operation</p> <p>Stockpiling of flexible pipes</p>		<p>The following control measures are implemented to minimize the risk of fire at the site.</p> <ul style="list-style-type: none"> - AS 3786 smoke alarms are installed. This system is monitored by an external security company (Platinum Security). These detectors would sound a local alarm, alerting occupants within the office to evacuate. The brigade would be alerted to attend by staff calling 000 during business hours or the security company calling 000 after hours. - Lockable gates are provided for the building site with security key card access. This reduces the potential for unauthorised access/ malicious building fires after hours. - The bushland to the rear is provided with a 6 m wide fire breaks/ vehicle access around the perimeter. - The site is connected to the town water supply and includes a below-ground street hydrant at the site entrance and a twin-head external hydrant onsite. - All three buildings have compliant hydrant coverage (AS2419.1) with access to internal areas within 70 m (2 lengths of 30 m fire hose and 10 m water spray) of the expected fire appliance location. - Portable fire extinguishers are provided throughout the buildings in accordance with BCA DtS Provision E1.6 and AS 2444:2001. - Exit signage are installed throughout the buildings in accordance with BCA Part E4 and AS 2293.1:2018.

Emission	Sources	Potential pathways	Proposed controls
			<ul style="list-style-type: none"> - The fire safety systems are being inspected regularly by an external company in accordance with AS 1851:2012. - The site has documented emergency and evacuation procedures. - Evacuation diagrams are displayed in all three buildings in accordance with the WA WorkSafe requirements and AS 3745-2010 (Planning for emergencies in facilities). - The entire site is provided with a concrete pad, and the central drainage system drains towards a series of concrete sumps and is separate from the street stormwater system. - In the event of a fire or chemical spillage, these drains will be covered to prevent contamination. - Use of effective signage designating waste type and quantity to be stored in each location. - High standards of housekeeping will be maintained to ensure the site is free from loose/discarded combustible wastes and dusts as possible. - There is greater than 18 metres of separation between the buildings onsite, limiting fire spread to other parts of the site. - The natural gas outlets around the site are provided with a single-handed shut-off valve and will have adequate protection installed to prevent damage from vehicles. - Weed control activities will be undertaken along the inside of the fence line during the WA bushfire season (October to April). - Limiting the storage of combustible materials to the rear fence line once the container wall is installed.
Potentially contaminated stormwater	Vehicle oil spill	Overland runoff Seepage to land	<p>Spill kits accessible on site and well-maintained.</p> <ul style="list-style-type: none"> - Spill kits are available near the waste storage location and contain the following: <ul style="list-style-type: none"> - Absorbent material - Container for waste absorbent

Emission	Sources	Potential pathways	Proposed controls
			<ul style="list-style-type: none"> - Shovel, broom, dustpan, and gloves - Catch trays for spills. - Absorbent material <p>- Spills will be cleaned up immediately using onsite spill kits & transferred to a bin for disposal to an appropriately licensed facility.</p> <p>- The entire site is virtually covered with a concrete pad.</p> <p>- Central drainage systems drain towards a series of concrete sumps and is separate from the street stormwater system.</p>
Potentially contaminated firefighting water	Abnormal operations	overland runoff Seepage to land	Site has Central drainage systems that flows towards a series of concrete sumps and is separate from the street stormwater system. In the event of fire or chemical spill, the stormwater drains will be covered to prevent contamination.

3.1.2 Receptors

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

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

Human receptors	Distance from prescribed activity
Residential Premises	Industrial zone, no residential communities in close proximity (approximately 1.8 km) to the site.
Industrial premises	Immediately adjacent to the premises are other industrial premises. Industrial premises consisting of engineering and asset management businesses, commercial shipping vessel manufacturing and surface coatings manufacturer.
Environmental receptors	Distance from prescribed activity
Long Swamp (wetland)	Approximately 520m east of the premises boundary
Beeliar regional park	1800 m northwest of the premises boundary
Underlying groundwater	Depth to groundwater is approximately between 3 and 10 mBGL (Perth Groundwater Map) with groundwater flow to the west.

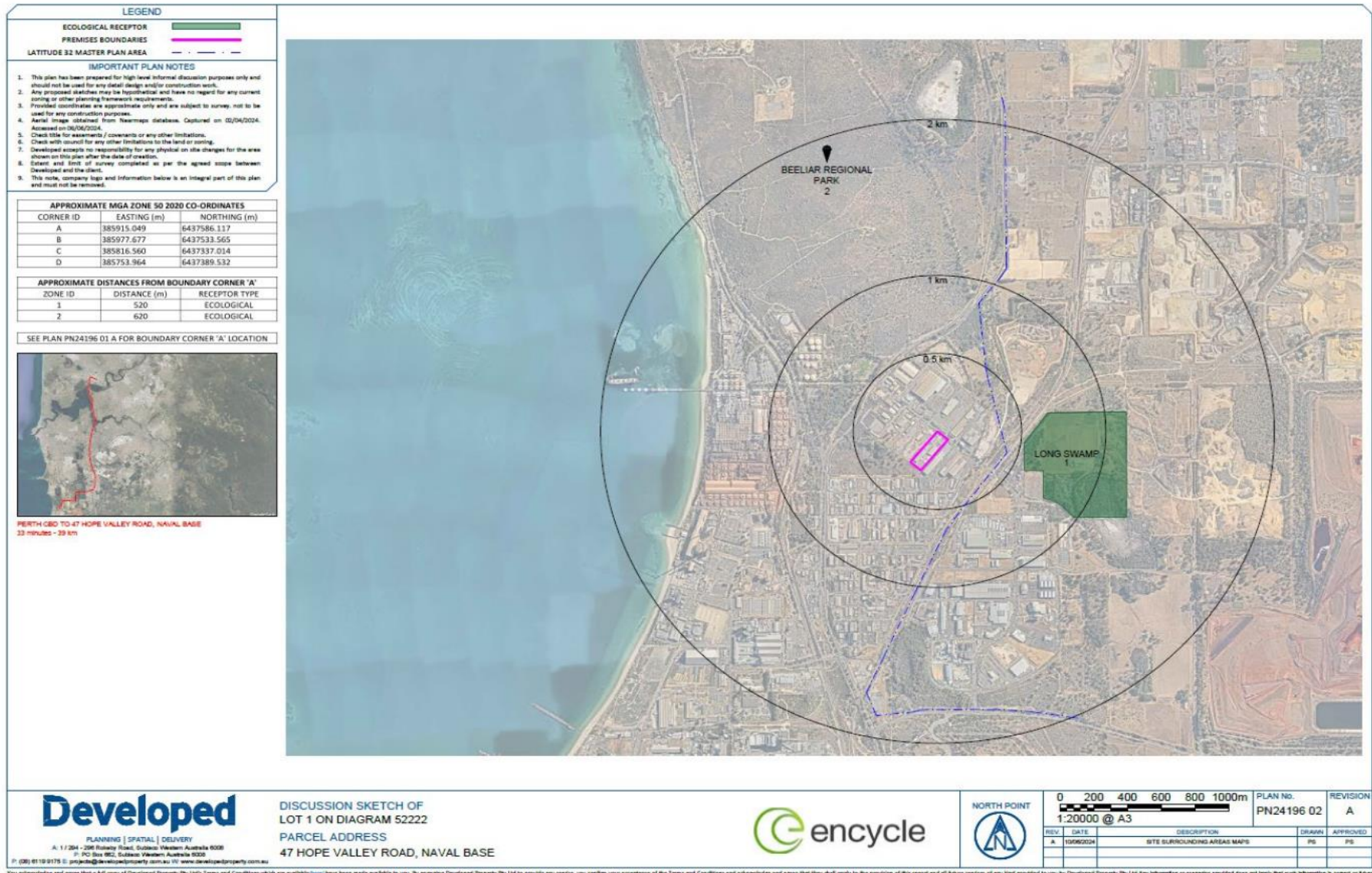


Figure 3: Potential receptors within 2km

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3.2 Risk ratings

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

Where the applicant has proposed mitigation measures/controls (as detailed in Section 3.1), these have been considered when determining the final risk rating. Where the delegated officer considers the applicant's proposed controls to be critical to maintaining an acceptable level of risk, these will be incorporated into the 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 W6960/2024/1 that accompanies this decision report authorises construction only. 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 to authorise emissions associated with the ongoing operation of the premises. 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 licence application.

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

Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
Construction								
Modifications to the processing warehouse including the construction of the roof/wall cladding	Dust	Air / windborne pathway causing impacts to health and amenity	No residential property within 2 km of premises	Refer to Section 3.1	C = Minor L = Rare Low Risk	Y	N/A	The Delegated Officer considers that the Applicant's proposed infrastructure and management controls are likely to be sufficient at mitigating dust and noise emissions during construction.
Construction and installation of the SURF recycling plant Liberator Installation Vehicle movements Construction & installation of picking stations	Noise		Immediately adjacent industrial premises Wetlands approximately 520 m east of the premises boundary	Refer to Section 3.1	C = Minor L = Rare Low Risk	Y	N/A	
Operation								
Operation of the SURF recycling plant Stockpiling of scrap metal Traffic movements and deliveries Sorting and load preparation	Dust	Air / windborne pathway causing impacts to health and amenity	No residential property within 2 km of premises. Immediately adjacent industrial premises. Wetlands approximately 520 m east of the premises boundary.	Refer to Section 3.1	C = Minor L = Rare Low Risk	Y	Condition 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 15, 19, 20, 21, 22 and 23	The Delegated Officer considers that the Applicant's proposed controls are likely to be sufficient at mitigating dust emissions.
Distribution of product from site	Noise/vibration	Air / windborne pathway causing impacts to health and amenity	No residential property within 2 km of premises. Immediately adjacent industrial premises.	Refer to Section 3.1	C = Minor L = Rare Low Risk	Y	Condition 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 15, 19, 20, 21, 22 and 23	The Delegated Officer is aware that no residential property is located within close proximity and considers that the Applicant's proposed controls are sufficient at mitigating noise emissions.
Bushfire	Fire/smoke	Air / windborne pathway causing	No residential property within 2 km of	Refer to Section 3.1	C = Severe	Y	<u>Condition 6, 7, 8, 10, 16.</u>	A fire prevention and management plan will help

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Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions ² of works approval	Justification for additional regulatory controls
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
Oxy cutting operation Stockpiling of flexible pipes		impacts to health and amenity	premises. Immediately adjacent industrial premises.		L = Unlikely High Risk		<u>17, 18, 21, 22 and 23</u>	reduce the risks of impacts of fire and can be regulated through conditions in the works approval and the license. The works approval holder will be required to implement a Fire and Emergency Management plan that is consistent with AS3745.
Fire - Abnormal operations	Potentially contaminated stormwater/fire fighting water	Overland flow and subsurface seepage causing impacts on human health, soil and groundwater quality	Immediately adjacent industrial premises. Wetlands approximately 520 m east of the premises boundary.	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	Y	<u>Condition 6, 7, 8, 9, 10, 15, 16, 17, 18, 21, 22 and 23</u>	The Delegated Officer considers that the Applicant's proposed infrastructure and management controls are likely to be sufficient at mitigating emissions from contaminated stormwater.
Vehicle oil, hydrocarbon spill	Spills of chemicals and hydrocarbon	Overland flow and subsurface seepage causing impacts on human health, soil and groundwater quality	Underlying groundwater 3 – 10 mbgl	Refer to Section 3.1	C = Moderate L = Unlikely Medium Risk	Y	Condition 6, 9, 13, 14, 21, 22, and 23	The Delegated Officer considers that the Applicant's proposed infrastructure and management controls are likely to be sufficient at mitigating emissions from spills of chemicals, hydrocarbons and dangerous or hazardous waste. .

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

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

4 Consultation

Table 44 provides a summary of the consultation undertaken by the department.

Table 4: Consultation

Consultation method	Comments received	Department response
Application advertised on the department's website on 16/09/2024	None received	N/A
Local Government Authority advised of proposal on 11/10/2024	The City of Kwinana replied on 14/11/2024 confirming works that affect the exterior of the buildings and outdoor works may require a Development Approval.	Noted. It is the ultimately the responsibility of the works approval holder to ensure that all relevant approvals required by other agencies are in place prior to the commencement of construction activities The Delegated Officer advises the works approval holder to speak with the City of Kwinana to confirm their Development Approval requirements.
Applicant was provided with draft documents on 19/11/2024	Refer to appendix 1	Refer to appendix 1

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.

Hayes Recycling will require a licence to authorise emissions associated with the ongoing operation of the premises, including the operation of all existing infrastructure at the premises used for recovery and fragmentation of metal.

References

1. Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
2. Department of Water and Environmental Regulation (DWER) 2020, *Guideline: Environmental Siting*, Perth, Western Australia.
3. DWER 2020, *Guideline: Risk Assessments*, Perth, Western Australia.
4. VIPAC Engineers and Scientists Limited (2024), Noise Impact Assessment – 47 Hope Valley Road, Naval Base, WA 6165

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

Condition	Summary of applicant's comment	Department's response
Condition 3 (b)	<p>Typographical changes requested.</p> <p>As constructed plans represent significant and highly competitive intellectual property and plans are commercial in confidence. As constructed schematics will not be provided. The site plan will show the SURF recycling plant with key components i.e. stripping, sorting, fragmentising and granulation outlined so that a DWER compliance officer will be able to identify the infrastructure and assess environmental emissions, mitigation and management measures when on site.</p>	<p>The condition has been updated as requested.</p> <p>The Delegated Officer is aware that information provided in the as constructed plans would be common knowledge relating to that area. However if the as constructed plans will reveal the actual design of the units and the technology used, it may be considered commercially sensitive and exempt under clause 4 of the <i>Freedom of Information Act 1992</i> and therefore agrees that a site plan should be sufficient for a DWER Officer to verify the infrastructure installed during a site visit.</p>
Condition 6, Table 2, Item 1	<p>Typographical changes requested.</p> <p>A small section of a conveyor will exit from the building and deposit recyclables to a collection point. Request updating the wording of the condition to reflect the collection point.</p>	<p>The condition has been updated as requested.</p>
Condition 6, Table 2, Item 5, part (i) and (ii)	<p>Typographical changes requested.</p> <p>Hayes Recycling cannot confirm containment of firewater as prescribed in Item 5, part (i) and (ii) until discussions have been held with DFES, a risk assessment undertaken and contingency measures put in place for the management of potential firewater. Measures for containment of firewater are to be discussed with DFES following which conditions that can be practicably met could be put in the Licence application process.</p>	<p>The Delegated Officer considers that confirmation as to how firewater will be managed at the premises can be provided through the requirements of the Fire and Emergency Management Plan required by Condition 18 of the works approval. This can then be reflected on the subsequent Licence for the premises that will authorise ongoing operations.</p> <p>As such, this requirement has been removed from Condition 6.</p>
Condition 6, Table 2,	<p>Typographical changes requested.</p> <p>Hayes Recycling acknowledge that any firewater contaminated</p>	<p>Request adopted.</p>

Condition	Summary of applicant's comment	Department's response
item 5	material should be taken off site to prevent discharge to the environment. Most likely this material would be able to be removed from site within 24 hours. However, Hayes Recycling cannot guarantee this timeframe given it is dependent on licenced controlled waste carrier availability, which at times can be limited. Whilst every effort will be made to meet this timeframe, Hayes Recycling request within a 72-hour timeframe to allow for any potential weekend event.	
Condition 7, Table 3, item 1	Typographical changes requested.	Request adopted.
<u>Decision Report</u>	Typographical changes	The Decision report has been updated to reflect the changes requested by the Licence Holder.