

Decision Report

Application for Works Approval

Part V Division 3 of the Environmental Protection Act 1986

| Works Approval Number | W6570/2021/1 |
|-----------------------|---|
| Applicant | Elan Energy Matrix Pty Ltd |
| ACN | 611 714 580 |
| File number | DER2018/001042-5~54 |
| Premises | Tacoma Facility 54 Tacoma Circuit Canning Vale WA 6155 |
| | Lot 71 on Deposited Plan 57164 |
| | As defined by the coordinates in Schedule 1 of the works approval |
| Date of report | 09 February 2022 |
| Decision | Works approval granted |

Melissa Chamberlain A/MANAGER WASTE INDUSTRIES REGULATORY SERVICES

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

Table of Contents

| 1. | Decis | ion summary | 1 |
|------|--------|---|---|
| 2. | Scope | e of assessment | 1 |
| | 2.1 | Regulatory framework | 1 |
| | 2.2 | Application summary and overview of premises | 1 |
| 3. | Infras | tructure construction and time -limited operations | 1 |
| 4. | Risk a | assessment | 3 |
| | 4.1 | Source-pathways and receptors | 3 |
| | | 4.1.1 Emissions and controls | 3 |
| | | 4.1.2 Fire management controls | 7 |
| | | 4.1.3 Receptors | 3 |
| | 4.2 | Risk ratings14 | 4 |
| 5. | Consu | ultation19 | 3 |
| 6. | Concl | usion20 |) |
| Refe | rences | 5 |) |
| | | I: Summary of applicant's comments on risk assessment and draft | 1 |
| | | 2: Application validation summary2: | |

| Table 1: Infrastructure construction works | .2 |
|--|----|
| Table 2: Proposed applicant controls | .6 |
| Table 3: Sensitive human and environmental receptors and distance from prescribed activity | .8 |
| Table 4: Risk assessment of potential emissions and discharges from the premises during construction and operation | 15 |
| Table 5: Consultation | 19 |

| Figure 1: Prescribed Premises | 3 |
|---|----|
| Figure 2: Site layout | 4 |
| Figure 3: Firefighting equipment | 5 |
| Figure 4: Environmental sitting | 10 |
| Figure 5: Local planning scheme | 11 |
| Figure 6: Beneficial users of groundwater | 12 |
| Figure 7: Groundwater contours | 13 |

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 W6570/2021/1 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 <u>https://dwer.wa.gov.au/regulatory-documents</u>.

2.2 Application summary and overview of premises

On 10 May 2021 Elan Energy Matrix 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 application is to undertake construction works and to allow time limited operations relating to a used tyre storage facility at the premises. The premises is situated within the Canning Vale Industrial Area within the City of Canning, Canning Vale.

The premises relates to the category 57 and assessed production / design capacity under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations) which are defined in works approval W6570/2021/1. 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 W6570/2021/1.

The existing building at the proposed premises was constructed by a previous occupier. The applicant commenced some operations at the site prior to the completion of this assessment.

Under section 53 of the EP Act carrying out work in or on a prescribed premises without prior approval being sought may be an offence. DWER's compliance and enforcement are currently investigating this matter. A site visit was conducted by DWER Licensing and Compliance Officers prior to works approval issue to establish what works and operations had been undertaken and what remained to be constructed at the premises.

3. Infrastructure construction and time -limited operations

The proposed infrastructure upgrades include construction of concrete kerbing on the external hardstand area and warehouse entry points, which will be kerbed to provide fire-fighting water containment to the premises. Two tyre baling machines are currently installed in the warehouse; and will not require any additional works for operations. The infrastructure upgrades, overview of the Premises layout and firefighting equipment is included in Table 1 and Figures 1, 2 and 3 below.

The applicant has proposed to undertake initial operations under time limited operations for 90 days and there will be no more than 5,000 tyres stored at the premises at any one time. The applicant proposes operation of the two baling machines during this period. Fire and emergency management will be undertaken through the preparation and implementation of Emergency Response Procedures Manual.

No commissioning of infrastructure or equipment is required. The tyre baling equipment has been installed to the -premises and is currently being operated (refer to Section 2.2).

Table 1: Infrastructure construction works

| Infrastructure / equipment | Design and construction / installation specifications |
|-------------------------------|--|
| Surface water containment | The design has been based on DFES Guidance Note:GN02 Bulk Storage of Rubber Tyres Including Shredded and Crumbed Tyres |
| infrastructure | The external hardstand and building areas are to be contained by concrete kerbing with the capability to contain at least 432,000 L of firewater ¹ . (see Figure 2) |
| Tyre balers | Confirm installation of baling equipment within warehouse (see Figure 2). The noise and vibration specifications of the equipment have not previously been assessed |
| Clearway line demarcation | Demarcate egress path in southern warehouse for clearways around all fire doors, fire shutters, and exits |
| Drain filter catch bags | Installation of drain filter catch bags to each soak well drainage system |
| Hazmat manifest | Installation of hazmat manifest at front of the premises |

Note 1: Based on three fire hydrant outlets 10 L/s for four hours

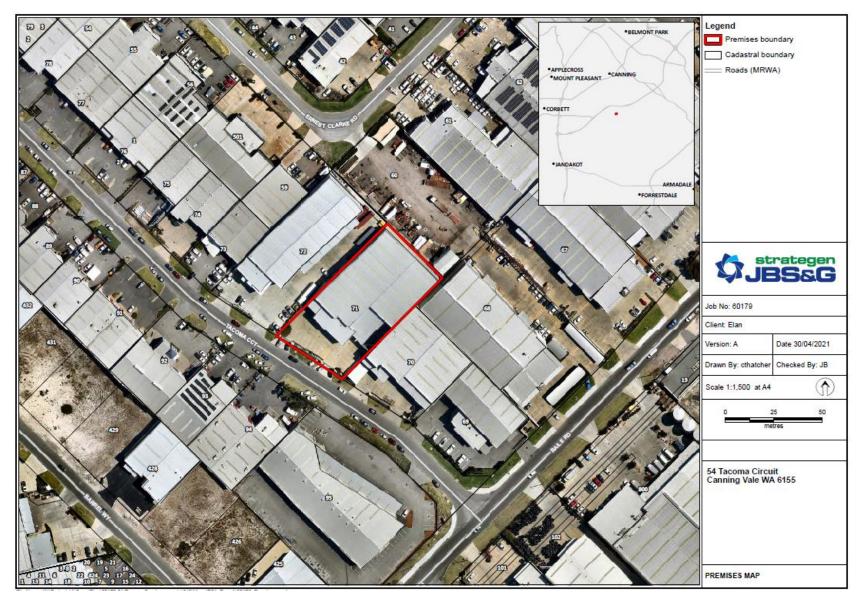


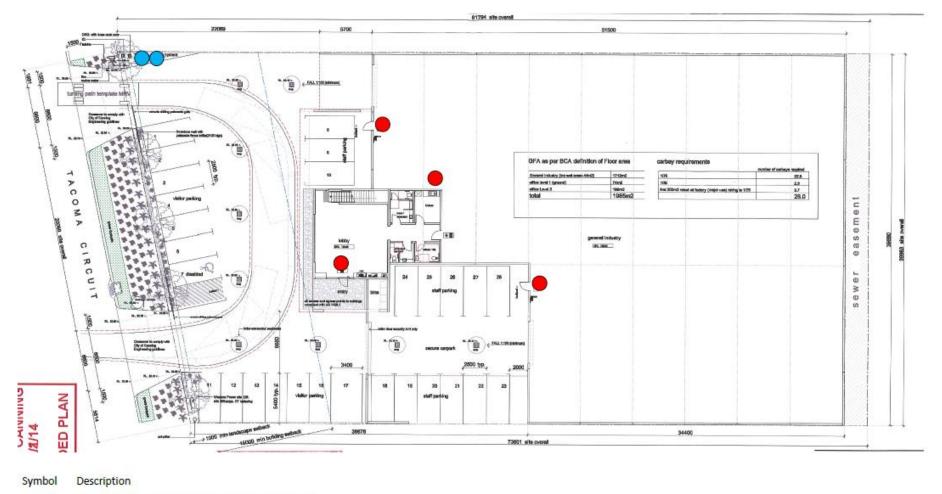
Figure 1: Prescribed Premises

Works approval: W6570/2021/1



Figure 2: Site layout

Works approval: W6570/2021/1





Dual head hydrant (20 L/s)

Figure 3: Firefighting equipment

Works approval: W6570/2021/1

4. 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.

4.1 Source-pathways and receptors

4.1.1 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 2 below. Table 2 also details the control measures the applicant has proposed to assist in controlling these emissions, where necessary.

| Emission | Sources | Potential pathways | Proposed controls | | | | |
|--------------|--|----------------------|--|--|--|--|--|
| Construction | • | | | | | | |
| Dust | Vehicle and equipment | Air / windborne | N/A | | | | |
| Noise | movements | pathway | | | | | |
| | Construction of kerbing on external hardstand area | | | | | | |
| Operation | • | | | | | | |
| Dust | Tyre delivery, | Air / | Minimal dust generated by whole tyres; | | | | |
| | handling and baling | windborne pathway | Dust generating activities take place in enclosed warehouse; and | | | | |
| | | | Regular cleaning and housekeeping. | | | | |
| Noise | | | Activities limited to day-time hours (Monday to Friday 07:30 to 17:30); | | | | |
| | | | Noise generating activities take place in enclosed warehouse; and | | | | |
| | | | Electric powered balers have a small noise footprint. | | | | |
| Smoke | Fire Air / windborne pathway | | Tyres stored in accordance with DFES Guidance Note: GN02 Bulk Storage of Rubber Tyres (see 4.1.2 below); | | | | |
| | | | Secure premises; and | | | | |
| | | | Preparation and implementation of Emergency Response Procedures Manual. | | | | |

Table 2: Proposed applicant controls

| Emission | Sources | Potential pathways | Proposed controls | |
|---------------------------|----------------------|--|---|--|
| Contaminated firefighting | firefighting through | through | Premises surfaced with internal and external concrete floors and paving; | |
| water | | Tyres stored in accordance with DFES Guidance Note:GN02; (<i>see 4.1.2 below</i>); | | |
| | | Overland run- | Secure premises; | |
| | | off and storm water drainage | Preparation and implementation of Emergency Response Procedures Manual; | |
| | | system | The hardstand and building area will be kerbed to contain at least 432,000 L of firewater; | |
| | | | All stormwater and surface from external hardstand and roofs will be collected and contained on site in the existing system, which comprises nine interconnected soak wells with combined capacity of 41 m ³ ; and | |
| | | | Installation of stormwater drain filter catch bags to each soak well drain | |

4.1.2 Fire management controls

The applicant has proposed tyres will be stored internally in the main warehouse in accordance with section 9 of the Department of Fire and Emergency Services (DFES) guidance note: *GN02 Bulk Storage of Rubber Tyres Including Shredded and Crumbed Tyres* as follows:

- Individual tyre stacks within the warehouse will not exceed 3.7 m in height and 30 m² in area;
- Stored tyres will remain at least 1 m clear in all directions from the underside of the warehouse roof, roof structure members, and lights (including light fixtures); and
- A minimum clearance of 1 m will be maintained along paths of travel to required exits and firefighting equipment (e.g., fire hose reels, fire extinguishers & fire hydrants). The paths of travel will always be kept clear and unobstructed.

The main warehouse building designated for general industry and to be used to store tyres has a fire compartment floor area of 1712 m^2 (Figure 3). The applicant has proposed in accordance with the DFES Guidance Note (*GN02*), as the fire compartment floor area less than 2,000 m² a sprinkler protection system is not proposed to be installed. As a non-sprinkler protected building, a minimum clearance of 3 m will be provided between tyre storage and baling areas and any load-bearing building elements as required by Section 9.4 of the DFES guidance note (*GN02*).

Site access for emergency fire services appliances, the premises has two site access points, each at least 6 m wide, both exiting onto Tacoma Circuit. The premises has the following firefighting and fire extinguisher equipment installed:

- 4 x portable dry chemical extinguishers;
- 4 x hose reels; and
- 2 x twin head hydrants capable of 20 L/s.

The number and capacity of hydrants and outlets for non-sprinklered at the proposed premises exceed the requirements of Section 12 of the DFES guidance note (*GN02*).

4.1.3 Receptors

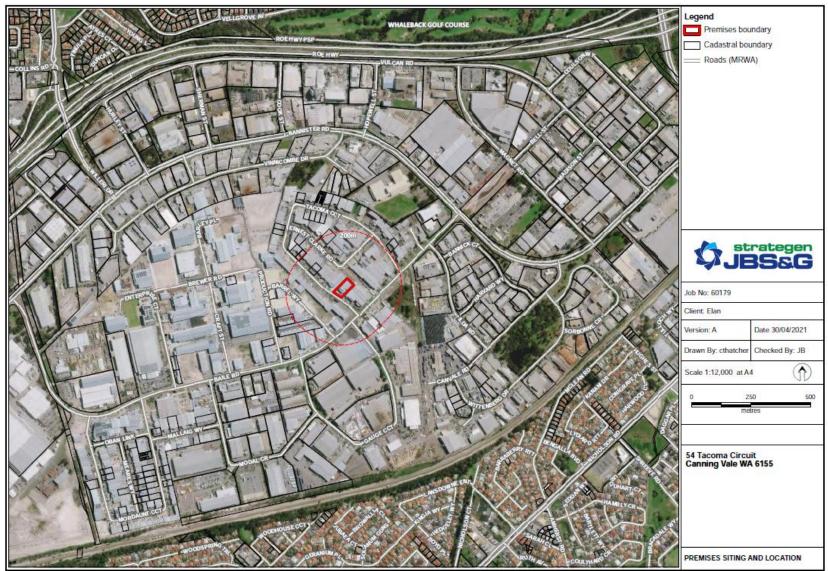
In accordance with the *Guideline: Risk Assessment* (DWER 2020), the Delegated Officer has excluded the applicant's employees, visitors, and contractors from its assessment. Protection of these parties often involves different exposure risks and prevention strategies and is provided for under other state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

Table 3 and Figures 4, 5, 6 and 7 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 | |

| Human receptors | Distance from prescribed activity | | | | |
|--|---|--|--|--|--|
| Commercial premises | <10 m in all directions from premises boundary. Premises sites within 'General Industry' LGA zoning scheme | | | | |
| Closest residential receptor | 400 m from northern edge of the premises boundary Approximately 900 m south-southeast of premises boundary Approximately 1.25 km north-northeast of premises boundary | | | | |
| Canning Vale Gardens (public open space) | Approximately 650 m south-east of premises boundary | | | | |
| Whaleback Golf Course | Approximately 1 km north of premises boundary | | | | |
| Environmental receptors | Distance from prescribed activity | | | | |
| Specified Ecosystems – Geomorphic wetland (Swan Coastal Plain) – classification unknown | Approximately 1.95 km north-east of premises boundary | | | | |
| Specified Ecosystems - Bushforever | Approximately 1.95 km north-east of premises boundary | | | | |
| Specified Ecosystems – Green Growth RSNAs | Approximately 1.95 km north-east of premises boundary | | | | |
| Acid Sulfate Soil risk | Premises within moderate-low risk area | | | | |
| Underlying groundwater (non-potable purposes) | Within Perth - Superficial Swan aquifer with depth to groundwater approximately 4 mbgl. Groundwater flow to the north-northeast of premises. Five DWER water licences within 500 m of premises boundary | | | | |
| | • GWL167944 -is closest at approximately 250 m south-southeast from premises boundary, well depth to 18 m | | | | |
| | GWL171806 – approximately 350 m north of premises boundary; well depth to 14 m | | | | |
| | Yarragadee North and Leederville aquifers located below superficial aquifer | | | | |

| RIWI Act 1914 Groundwater – Perth Groundwater Area | Premises within Proclaimed Groundwater Area |
|---|---|
| PDWSA – Jandakot Underground Water Pollution Control Area (P1) | Approximately 3.2 km south-west of premises boundary |
| TECs/PECs – Banksia Dominated Woodlands of the Swan Coastal Plain (Priority 3) Herb rich shrublands in clay pans (vulnerable) Shrublands on dry clay flats (endangered) | Approximately 1.95 km north-east of premises boundary |



File Name: W3Ptojads/1)OpentElan/60179.54 Tacoma Court approvals/G1SMaps/R01, Rev. A/60179. A07a, Premises/Sting.mad Image Reference: Source: Esrl, Maxar, GeoEye, Earthstar Geographics, CNES/Arbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Figure 4: Environmental sitting

Works approval: W6570/2021/1

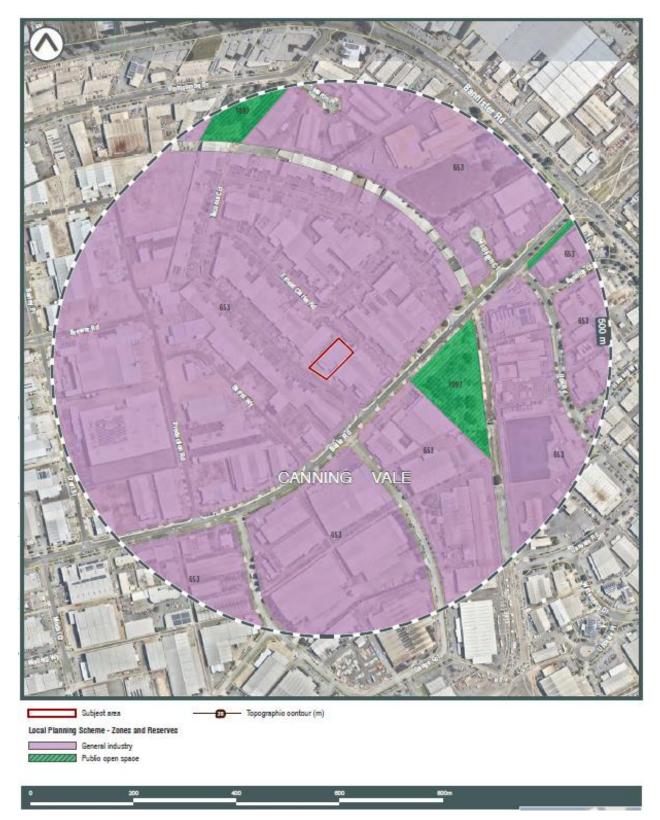


Figure 5: Local planning scheme

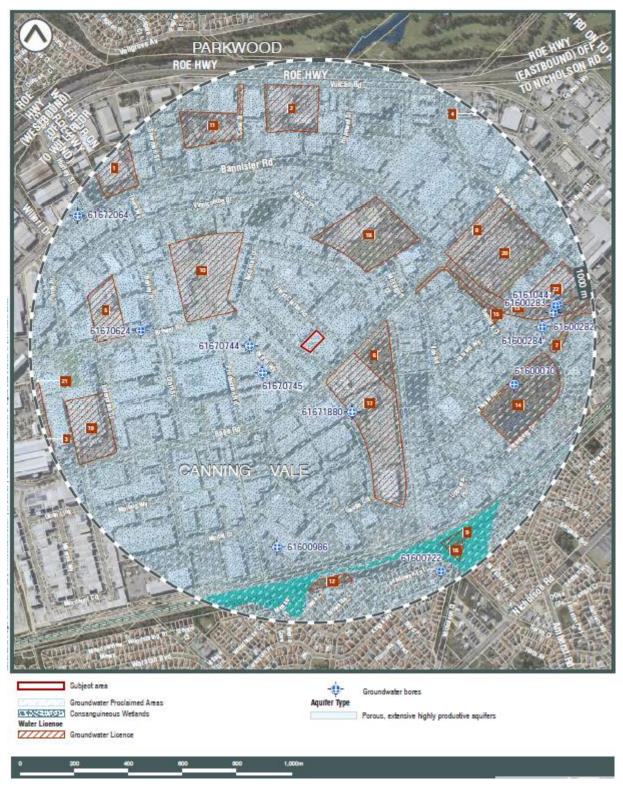
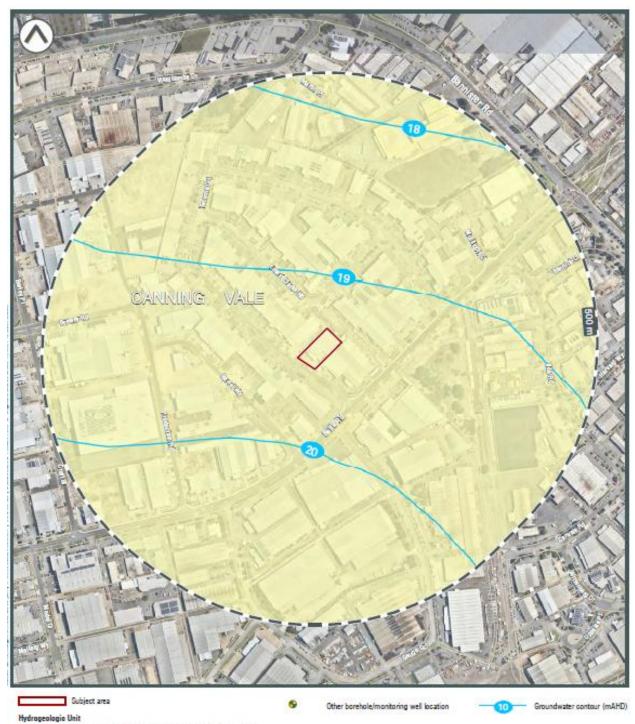


Figure 6: Beneficial users of groundwater







4.2 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 4.1. 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 4.1), 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 4.

Works approval W6570/2021/1 that accompanies this decision report authorises construction only. The conditions in the issued works approval, as outlined in Table 4 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 i.e., Category 57 activities. 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.

| Risk events | | | | Risk rating ¹ | Annelissant | O an dition of 2 | | |
|---|-----------------------|---|--|----------------------------|--|--------------------------------------|---|---|
| Sources / activities | Potential emission | Potential pathways and impact | Receptors | Applicant controls | C = consequence L = likelihood | Applicant controls sufficient? | Conditions ² of works approval | Justification for additional regulatory controls |
| Construction | | | | | | | | |
| Vehicle and equipment movements Construction of kerbing on external hardstand area | Dust | Air / windborne | premises Residences 900 m south- southeast and 1.25 km north- northwest Public open | Refer to Section 3.1 | C = Slight L = Unlikely Low Risk | Y | N/A | The Delegated Officer considers dust emissions associated with construction activities can be adequately regulated by the general provisions of the EP Act. |
| | Noise | pathway causing impacts to health and amenity | | Refer to Section 3.1 | C = Slight L = Unlikely Low Risk | Y | N/A | The Delegated Officer considers that noise emissions can be sufficiently managed through the <i>Environmental Protection</i> (Noise) Regulations 1997. |
| Operation (including time-li | nited operation) | 1 | | | | | | |
| Unloading and storage of used tyres Vehicle and equipment \movements | Dust | Air / windborne pathway causing impacts to health | Adjacent commercial premises Residences 900 m south- southeast and 1.25 km north- northwest Public open space 650 m | Refer to Section 3.1 | C = Slight L = Unlikely Low Risk | Y | Condition 8, 9, 10, 11, 12, 15 and 16 | The Delegated Officer considers dust emissions associated with construction activities can be adequately regulated by the general provisions of the EP Act. The Delegated Officer considers the applicant's proposed controls adequate to mitigate potential impacts to the surrounding environment. |

Table 4: Risk assessment of potential emissions and discharges from the premises during construction and operation

| Risk events | | | | | | Applicant | Conditions ² of works approval | Justification for additional regulatory controls |
|----------------------|--------------------|-------------------------------------|------------------------|----------------------------|---|--------------------------------------|--|--|
| Sources / activities | Potential emission | Potential pathways and impact | Receptors | Applicant controls | | Applicant controls sufficient? | | |
| | Noise | | south-east of premises | Refer to Section 3.1 | C = Slight L = Unlikely Low Risk | Ν | Condition 1, 2, 3, 8, 9, 10, 11, 12, 13, 14 and 15. | The Delegated Officer considers that noise emissions can be sufficiently managed through the Environmental Protection (Noise) Regulations 1997. Conditions have been determined to reflect the applicant's proposed controls and to require that the applicant demonstrate the equipment that has been installed will minimize emission of noise. |

| Risk events | | | | | Risk rating ¹ | Annlinent | Conditions ² | |
|----------------------|--|--|---|----------------------------|--|---|---|--|
| Sources / activities | Potential emission | Potential pathways and impact | Receptors | Applicant controls | C = consequence L = likelihood | Applicant controls sufficient? | of works approval | Justification for additional regulatory controls |
| | Fire (smoke) – particulates and noxious gases from fire / tyre combustion | Air/windborne pathway causing impacts to health and amenity | Adjacent commercial premises Residences 900 m south- southeast and 1.25 km north- northwest Public open space 650 m south-east of premises | Refer to Section 3.1 | C = Moderate L = Likely High Risk | N Applicant controls lack sufficient details | Condition <u>1, 2,</u> <u>3, 6, 7</u> , 8, 9 10, <u>11</u> , 12, 13, 14, and 15. | In determining conditions related to minimising emissions of smoke, the Delegated Officer noted that; Tyre storage limits can reduce the risks of impacts to fire. Further, adherence to DFES Guidance Note:GN02 Bulk Storage of Rubber Tyres Including Shredded and Crumbed Tyres relates to managing fires on site and having appropriate procedures to extinguish any fire should be sufficient to control any fire incidents at the premises. Conditions have been determined to align with the applicant's proposed controls and actions required by DFES. Additional conditions for the implementation of a fire and emergency management plan and implementation of fire and emergency response actions have been determined to minimise emissions from fires events. Evidence of the documentation is to be lodged with the Licence application for assessment of effectiveness of the controls. |

| Risk events | Risk events | | | | | Applicant | Conditions ² | |
|----------------------|---|---|---|----------------------------|--|--------------------------------------|---|---|
| Sources / activities | Potential emission | Potential pathways and impact | Receptors Applicant controls | | C = consequence L = likelihood | Applicant controls sufficient? | of works approval | Justification for additional regulatory controls |
| | Wastewaters/ leachate generated from extinguishing of a fire Contaminated stormwater | Seepage through hardstands Impacts groundwater quality and ecosystem health Health and amenity impact to groundwater users | Underlying groundwater and beneficial users Proclaimed groundwater areas | Refer to Section 3.1 | C = Moderate L = Unlikely Medium Risk | Y | Condition <u>1, 2,</u> <u>3, 6, 7</u> , 8, 9 10, 11, <u>12</u> , 13, 14, 15 and 16 | The Applicant is concrete lining all external areas of the warehouse which will prevent leachate to groundwater. Any surface water, stormwater that is collected or created within the premises will be contained and collected onsite. The Delegated Officer considers that the risk is mitigated by adequate implementation of the Applicant's controls, therefore, conditions have been determined to require implementation of these controls. Additional conditions for the implementation of a fire and emergency management plan and implementation of fire and emergency response actions have been determined to minimise emissions from fires events. Evidence of the documentation is to be lodged with the Licence application for assessment of effectiveness of the controls. Discharges of hydrocarbons and other chemicals within contaminated stormwater may also be subject to the provisions of the <i>Environmental Protection</i> (Unauthorised Discharges) <i>Regulations 2004.</i> |

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.

5. Consultation

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

Table 5: Consultation

| Consultation method | Comments received | Department response |
|---|--|---|
| Application advertised on the department's website on 20 August 2021 | None received | N/A |
| Local Government Authority advised of proposal on 21 July 2021 | The City of Canning replied on 13/08/2021 confirming that a Change of Use application would likely be required for the proposal and noted that none had been received as of 13 August 2021, no application has been submitted to the City. Due to the risk of pollution to the environment from tyre fires, the City requested the following be considered: Firefighting water containment; Implementation of controls to prevent the contamination of the onsite stormwater drainage system in a fire event; A lock box be provided at the front of the premises that contains important information for first responders, such as storm water drainage maps, identifies key drainage point, important contacts etc; and An emergency response plan to be prepared that demonstrates how the businesses will respond to fires, pollution events, discharges etc. | The Delegated Officer noted the City's comments and considered the recommended controls in the determination of conditions. The Applicant has since provided correspondence from the City of Canning confirming that the premises has been classified as Industry rather than Waste Storage Facility which therefore meets the current approval for use. |

| Consultation method | Comments received | Department response |
|--|--|--|
| Department of Fire and Emergency Services (DFES) | DFES conducted a site audit on 19 October 2021 and provided the following comments to the applicant: Manage tyre stockpiles to ensure sufficient fire breaks 1 metre fire break Stockpile approx. 5 metre x 5 metre Maintain clearway around all fire doors, fire shutters, and exits – reinforce via floor painted demarcation and toolbox safety memo Maintain and demarcate egress path in southern warehouse to exit door Quarantine and remove all ignition sources in tyre processing and store area Supply and fit hazmat manifest at front gate | The Delegated Officer has taken the comments provided by DFES into consideration during the determination of the Works Approval. |
| Applicant was provided with draft documents on 10/12/2021 | Refer to Appendix 1 | Refer to Appendix 1 |

6. 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.

It is noted that the applicant is required to submit the prepared FEMP to the department with the future licence application.

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. Department of Fire and Emergency Services (DFES) 2020, *Guidance Note: GN02 Bulk* Storage of Rubber Tyres Including Shredded and Crumbed Tyres

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

| Condition | Summary of applicant's comment | Department's response |
|---|--|---|
| Works Approval | | |
| Condition 6(f)(i) | The applicant requests that the reference to sprinklers be deleted as the internal of the existing warehouse building is non-sprinklered and that reference to isolation points is deleted as it is a duplicate of part (f)(ii) of the condition as follows: ' | The assessment noted the building is non-sprinklered and therefore the condition is changed as requested. |
| | (i) fire hose reels and hydrant, | |
| Condition 7, Table 2, Row 1 Fire suppressions system | The internal of the existing warehouse building is non-sprinklered (i.e., it does not have a fire suppression system). The applicant requests that the management requirement be changed to: | The assessment noted the building is non-sprinklered and therefore the condition is changed as requested. |
| | 'Fire hydrant system' | |
| | The fire and emergency management requirement changed to: | |
| | 'The fire hydrant system must have a minimum water supply and capacity that provides the maximum hydraulic demand for a minimum four hours.'. | |
| Condition 7, Table 2, Row 2 Firewater containment | The internal of the existing warehouse building is non-sprinklered. The applicant requests that the references to cumulative capacity and AS 2118.1 in part (b) of the fire and emergency management requirements be deleted as follows: | The assessment noted the building is non-sprinklered and therefore the condition is changed as requested. |
| | 'The containment capacity for firewater must be calculated with the fire hydrant flow rates prescribed in Australian Standard AS 2419.1.'. | |
| Condition 8, Table 3, Row 2 Warehouse; internal tyre | Tyres received at the premises are stored directly in storage pods located within the warehouse, not shipping containers. The applicant requests that the operational requirement be changed to: | Noted and condition is changed as requested. |
| receival and storage | 'Tyres received at the premises will only be stored directly into receival containers (pods) located within warehouse.'. | |
| Condition 11 | The applicant requests that the condition be deleted as the requirement to ensure that the roller doors of the warehouse are closed during the | It is considered due to the low risk outcome of dust and noise emissions that the requirement to have roller doors shut at all |

Works approval: W6570/2021/1

| Condition | Summary of applicant's comment | Department's response |
|----------------------------|---|--|
| | operation of the tyre bailers is too onerous and restrictive. The doors may be open regularly during baler operation for vehicle and forklift movements and may also be required for ventilation and airflow in hot weather. The noise footprint of the balers is minimal and will not significantly impact neighbouring industrial units or nearby sensitive receptors. There is also no dust generated by the baling that would require the doors to remain shut. | times can be removed. In a future licence assessment for the premises for ongoing operations DWER will consider any noise or dust impacts observed during time limited operations to inform the risk assessment and relevant licence conditions. |
| Decision Report | | |
| Section 5, Table 5 | On 21 October 2021, The City of Canning confirmed to the applicant that | Noted. |
| Consultation – | "The proposed use seems to fit within the definition of 'Industry' rather than 'Waste Storage Facility' given the intensity of what is proposed. It is | |
| Local Government Authority | noted that there is a previous approved use for General Industry at the site on 24 January 2014. Accordingly, a development approval technically would not be required to continue the use at the site". Based on this advice, the application for change of use lodged with the city was withdrawn. | |

Appendix 2: Application validation summary

| SECTION 1: APPLICATION SUMMARY | | | | |
|---|---|--|--|--|
| Application type | | | | |
| Works approval | | | | |
| Date application received | 10/05/2021 | | | |
| Applicant and Premises details | | | | |
| Applicant name/s (full legal name/s) | Elan Energy Matrix Pty Ltd | | | |
| Premises name | Tacoma Facility | | | |
| Premises location | Lot 71 on Deposited Plan 57164 54 Tacoma Circuit CANNING VALE WA 6155 | | | |
| Local Government Authority | City of Canning | | | |
| Application documents | | | | |
| HPCM file reference number: | DWERDT449616 | | | |
| Key application documents (additional to application form): | Supporting document: Attachment 1A: Proof of Occupier Status Attachment 1B: ASIC Company Extract Attachment 2: Premises Maps Attachment 3B: Proposed Activities Attachment 6A: Emissions and discharges Attachment 7: Siting and Location Attachment 8: Emergency Response Procedures Manual Attachment 9: Proposed fee calculation | | | |
| Scope of application/assessment | | | | |
| Summary of proposed activities or changes to existing operations. | Works approval Construction of used tyre storage facility. Construction will be limited to the installation of concrete kerbin the external yard area to provide containment for any liquid war generated within the warehouse (i.e. fire-fighting water). Installation of a tyre balers. Proposed operation under Time Limited Operation for 90 days | | | |

| Category number/s | (activities that cause the | premises to become | prescribed premises) |
|--------------------|----------------------------|--------------------|----------------------|
| outogory manison/o | | | |

Table 1: Prescribed premises categories

| | | posed production or ign capacity | Proposed changes to the production or design capacity (amendments only) |
|---|-------|--|--|
| | | oosed – No more than 5,000 le tyres at any one time | N/A |
| premises (other than premises within category 56) on which used tyres are stored. | | | |
| Legislative context and other app | orova | lls | |
| Has the applicant referred, or do they intend to refer, their proposal to the EPA under Part IV of the EP Act as a significant proposal? | | Yes 🗆 No 🖂 | Referral decision No: Managed under Part V Assessed under Part IV |
| Does the applicant hold any existir Part IV Ministerial Statements relevant to the application? | ng | Yes 🗆 No 🖂 | Ministerial statement No: EPA Report No: |
| Has the proposal been referred and/or assessed under the EPBC Act? | | Yes 🗆 No 🖂 | Reference No: |
| Has the applicant demonstrated occupancy (proof of occupier status)? | | Yes □ No ⊠ | Certificate of title ⊠ General lease □ Expiry: Require signed agreement/letter between TACOCIR PTY LTD and Elan Energy to occupy premises? The sole director of TACOCIR PTY LTD is also a director of Elan Energy Matrix Pty Ltd Mining lease / tenement □ Expiry: Other evidence □ Expiry: |
| Has the applicant obtained all relevant planning approvals? | | Yes □ No ⊠ N/A □ | Approval: Expiry date: If N/A explain why? Development approval for the existing general industrial and incidental office unit was granted by the City on 24 March 2014 (ref: 15/15910) in accordance with the City's Town Planning Scheme No. 40. |

Works approval: W6570/2021/1

| | | The site is zoned General Industry under the current Local Planning Scheme No. 42. The proposed use of the facility as a Waste Storage Facility is a discretionary use in General Industry zones and will require development approval from the City. The applicant will submit a development approval to the City and will provide confirmation to DWER that the change of use application has been submitted once it has been accepted by the City. |
|---|------------|--|
| Has the applicant applied for, or have an existing EP Act clearing permit in relation to this proposal? | Yes 🗆 No 🖂 | CPS No: N/A No clearing is proposed. |
| Has the applicant applied for, or have an existing CAWS Act clearing licence in relation to this proposal? | Yes 🗆 No 🛛 | Application reference No: N/A Licence/permit No: N/A No clearing is proposed. |
| Has the applicant applied for, or have an existing RIWI Act licence or permit in relation to this proposal? | Yes 🗆 No 🛛 | Application reference No: Licence/permit No: Licence / permit not required. |
| Does the proposal involve a discharge of waste into a designated area (as defined in section 57 of the EP Act)? | Yes □ No ⊠ | Name: RIWI Act 1914 Type: Perth Proclaimed Groundwater Area Has Regulatory Services (Water) been consulted? Yes I No I N/A I Regional office: |
| 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 <u>WQPN 25</u>)? Yes INO N/A I |

| 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 ⊠ | |
|---|------------|---|
| Is the Premises within an Environmental Protection Policy (EPP) Area? | Yes □ No ⊠ | |
| Is the Premises subject to any EPP requirements? | Yes □ No ⊠ | |
| Is the Premises a known or suspected contaminated site under the <i>Contaminated Sites Act 2003</i> ? | Yes ⊠ No □ | Classification: Reported – awaiting classification. Multiple commercial/ Industrial lots in Tacoma Circuit, Canning Vale, formerly part of the old Swan Brewery and used to be part of DMO 508 TRIM Record: 11/90/652 Date of classification: N/A |