

Permit

Environmental Protection Act 1994

Environmental authority EPPR00324313

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Environmental authority number: EPPR00324313

Environmental authority takes effect on the day it is issued. The anniversary date of this environmental authority remains the same, 31 October. The payment of the annual fee will be due each year on this day.

Environmental authority holder

Name	Registered address
SIMS GROUP AUSTRALIA HOLDINGS LIMITED	Suite 2, Level 9 189 O'Riordan Street MASCOT NSW 2020

Environmentally relevant activity and location details

Environmentally relevant activities	Locations
ERA 54 - Mechanical waste reprocessing 1 - Operating a facility for receiving and mechanically reprocessing, in a year, more than 5,000t of inert, non-putrescible waste or green waste only ERA 62 - Resource recovery and transfer facility operation 1(a) - Operating a facility for receiving and sorting, dismantling, baling or temporarily storing scrap metal, non-putrescible waste or green waste only	148 DUNN ROAD ROCKLEA QLD 4106 - Lot 100/RP166880
ERA 57 - Regulated Waste Transport	Mobile and temporary throughout the State of Queensland

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

It is a requirement of the EP Act that an owner or occupier of contaminated land give written notice to the administering authority if they become aware of the following:

- the happening of an event involving a hazardous contaminant on the contaminated land (notice must be given within 24 hours); or
- a change in the condition of the contaminated land (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the contaminated land (notice must be given within 20 business days)

that is causing, or is reasonably likely to cause, serious or material environmental harm.

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term 'duty to notify'.

Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

- a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority-on the nominated day; or
- b) if the authority states a day or an event for it to take effect-on the stated day or when the stated event happens; or
- c) otherwise - on the day the authority is issued.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.


Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Other permits required

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department and other State Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access state-controlled roads), the Department of Natural Resources, Mines and Energy (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).



Signature

28 October 2021

Date

Scott Blanchard

Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:

Waste Assessment
GPO Box 2454, BRISBANE QLD 4001
Phone: 1300 130 372
Email: palm@des.qld.gov.au

Privacy statement

Pursuant to section 540 of the EP Act, the Department is required to maintain a register of certain documents and information authorised under the EP Act. A copy of this document will be kept on the public register. The register is available for inspection by members of the public who are able take extracts, or copies of the documents from the register. Documents that are required to be kept on the register are published in their entirety, unless alteration is required by the EP Act. There is no general discretion allowing the Department to withhold documents or information required to be kept on the public register. For more information on the Department's public register, search 'public register' at www.qld.gov.au. For queries about privacy matters please email privacy@des.qld.gov.au or telephone 13 74 68.

Conditions of environmental authority

Agency interest: General	
Condition number	Condition
G1	<p>Prevent and/or minimise likelihood of environmental harm</p> <p>In carrying out an ERA to which this environmental authority relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.</p>
G2	<p>Maintenance of Measures, Plant and Equipment</p> <p>The holder of this environmental authority must:</p> <ul style="list-style-type: none"> (a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this environmental authority; and (b) maintain such measures, plant and equipment in a proper and efficient condition; and (c) operate such measures, plant and equipment in a proper and efficient manner.
G3	<p>Site Based Management Plan</p> <p>A site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out.</p> <p>The SBMP must address the following matters:</p> <ul style="list-style-type: none"> (a) Environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals. (b) Identification of environmental issues and potential impacts. (c) Control measures for routine and non-routine operations to minimise likelihood of environmental harm. (d) Control measures and procedures for fire risk management. (e) Contingency plans and emergency procedures for non-routine situations, including flood and fire. (f) Organisational structure and responsibility. (g) Effective communication. (h) Monitoring of contaminant releases. (i) Conducting environmental impact assessments. (j) Staff training in all relevant aspects of the SBMP to ensure compliance with the conditions of this approval. (k) Record keeping, including the documentation of training relevant to the SBMP. (l) Periodic review of environmental performance and continual improvement.
G4	<p>The SBMP must not be implemented or amended in a way that contravenes any condition of this environmental authority.</p>
G5	<p>Records</p> <p>Record, compile and keep all documents relating to compliance with the conditions of this environmental authority, including monitoring results, and present this information to the</p>

	administering authority when requested.
G6	Compile and keep records of total fragmentiser throughput, in terms of tonnes per month.
G7	All records required by this approval must be kept for 5 years.
G8	<p>Notification of Emergencies and Incidents</p> <p>Telephone Pollution Hotline (1300 130 372) as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this environmental authority.</p>
G9	<p>Information about Emergencies and Incidents</p> <p>A written notice detailing the following information must be provided to the administering authority within 14 days of any advice provided in accordance with condition G8:</p> <ul style="list-style-type: none"> (a) the name of the holder, including their environmental authority number; (b) the name and telephone number of a designated contact person; (c) quantity and substance released; (d) vehicle and registration details; (e) person/s involved (driver and any others); (f) the location and time of the release; (g) the suspected cause of the release; (h) a description of the effects of the release; (i) the results of any sampling performed in relation to the release, (j) actions taken to mitigate any environmental harm caused by the release; and (k) proposed actions to prevent a recurrence of the release.
G10	<p>Monitoring</p> <p>A competent person(s) must conduct any monitoring required by this environmental authority.</p>
G11	<p>Equipment Calibration.</p> <p>All instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this environmental authority must be calibrated, and appropriately operated and maintained.</p>
G12	<p>Trained / Experienced Operator(s)</p> <p>The daily operation of pollution control equipment must be carried out by a person(s) with appropriate experience and/or qualifications to ensure the effective operation of that equipment.</p>
G13	<p>Spill Kit</p> <p>An appropriate spill kit, personal protective equipment and relevant operator instructions/emergency procedure guides for the management of wastes and chemicals associated with the ERA must be kept at the site, and in each vehicle used if the activity is a mobile ERA.</p>
G14	<p>Spill Kit Training</p> <p>Anyone operating under this environmental authority must be trained in the use of the spill kit.</p>
G15	<p>Nuisance</p> <p>Notwithstanding any other condition of this environmental authority, the environmental authority does not authorise any contaminants which cause or are likely to cause environmental nuisance beyond</p>

	the boundaries of the authorised place.
G16	<p>Alterations</p> <p>No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this environmental authority.</p> <p><i>NOTE: An example of a change likely to substantially increase the risk of environment harm is an increase of 10% or more in the fragmentiser throughput above the stated maximum current capacity of 180 tonnes per hour.</i></p>
G17	<p>Fire Risk</p> <p>A Fire Emergency Plan (FEP) must be implemented. The FEP must identify all sources of potential fire risk, and must include but not limited to;</p> <ul style="list-style-type: none"> (a) the identification of all potential sources of fire onsite; (b) procedures for managing the risks associated with those sources; (c) staff procedures in the event of fire; (d) a site plan detailing fire fighting infrastructure and internal roadways; and (e) procedures for the management of any potential fire water generated on-site.
G18	Internal roadways must be maintained at a minimum width of 6m for fire fighting vehicle access.
G19	Sufficient working area adjacent to stockpiles of unprocessed scrap metal and unprocessed car bodies must be maintained free of scrap at all times to allow for the movement and isolation of scrap that may have ignited.
G20	<p>Security</p> <p>The holder of this environmental authority must ensure that:</p> <ul style="list-style-type: none"> (a) at all times while the ERA is operating, at least one (1) person is present and whose duties must include but are not limited to: <ul style="list-style-type: none"> (i) supervising all persons entering the facility; (ii) supervising the reception, storage and removal of waste; and (iii) monitoring compliance with the waste acceptance criteria. (b) at all times while the ERA is operating, at least one (1) person must be responsible and contactable concerning the management of the facility and whose duties must include but are not limited to: <ul style="list-style-type: none"> (i) managing any employees working in the facility; (ii) managing any emergencies or incidents that may occur; and (iii) maintaining the facility to an appropriate environmental standard.
G21	The premises must be enclosed by a security fence which must be maintained to a standard that will prevent as far as practicable, unauthorised access to the premises.
G22	The holder of this environmental authority must ensure that all access gates are securely locked when the ERA is unattended.
Agency interest: Air	
Condition number	Condition
A1	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.

A2	The holder of this environmental authority must take all reasonable and practicable measures to minimise dust released to the atmosphere beyond the site boundaries.
A3	The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.
A4	<p>The following limits are not to be exceeded when measured at any nuisance sensitive or commercial place:</p> <ul style="list-style-type: none"> (a) dust deposition of 120 milligrams per square metre per day, averaged over one month, when monitored in accordance with AS 3580.10.1 Methods for sampling and analysis of ambient air - Determination of particulates - Deposited matter - Gravimetric method of 2003 (or more recent editions); and (b) a concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (μm) (PM_{10}) suspended in the atmosphere of 50 micrograms per cubic metre over a 24 hour averaging time, at a sensitive place downwind of the operational land, when monitored in accordance with: <ul style="list-style-type: none"> (i) Particulate matter - Determination of suspended particulate PM_{10} high-volume sampler with size-selective inlet - Gravimetric method, when monitored in accordance with the latest edition of AS 3580.9.6 Methods for sampling and analysis of ambient air - Determination of suspended particulate matter - PM_{10} high volume sampler with size-selective inlet - Gravimetric method; or (ii) Any alternative method of sampling PM_{10}, which may be permitted by the 'Air Quality Sampling Manual' as published from time to time by the administering authority.
A5	When requested by the administering authority, monitoring must be undertaken to investigate any complaint of environmental nuisance caused by a release to the atmosphere from the site, and the results thereof notified to the administering authority within 14 days following completion of monitoring.
A6	<p>When requested by the administering authority, dust and particulate monitoring must be undertaken to investigate any complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified within 14 days to the administering authority following completion of monitoring. Monitoring must be carried out at a place(s) relevant to the potentially affected dust sensitive place and at upwind control sites and must include:</p> <ul style="list-style-type: none"> (a) for a complaint alleging dust nuisance, dust deposition; and (b) for a complaint alleging adverse health effects caused by dust, the concentration per cubic metre of particulate matter with an aerodynamic diameter of less than 10 micrometre (μm) (PM_{10}) suspended in the atmosphere over a 24hr averaging time.
A7	<p>Dust Suppression</p> <p>Trafficable areas must be maintained using all reasonable and practicable measures to minimise the release of windblown dust or traffic generated dust to the atmosphere. Reasonable and practicable measures may include but are not limited to:</p> <ul style="list-style-type: none"> (a) sealing with bitumen or other suitable material; (b) keeping surfaces clean; (c) use of water sprays; (d) adoption and adherence to speed limits; and

	(e) windbreaks.
A8	Waste oils or effluent resulting from washing trucks, plant or equipment must not be used for dust suppression purposes.
A9	All sealed traffic areas must be cleaned as necessary to minimise the release of dust to the atmosphere.
A10	The holder of this environmental authority must, as soon as is practicable, clean up any dust and/or sediment deposited on any public road adjacent to the site by vehicles associated with the activity.
A11	Non-specific Releases to the Atmosphere The holder of this environmental authority must install, maintain and operate a system to inform fragmentiser and machine operators of current weather conditions including, but not limited to, wind speed, wind direction and ambient temperature.
A12	The holder of this environmental authority must develop, document, implement and train relevant staff in procedures for the selection of appropriate feedstock material during adverse weather conditions in order to maintain compliance with conditions A1 and A3 of this environmental authority.
A13	The holder of this environmental authority must cease fragmentiser activities in the event of becoming aware that the fragmentiser activities during adverse weather conditions are causing or threatening environmental harm outside the authorised place.
A14	The holder of this environmental authority must cease fragmentiser activities in the event of being notified, either verbally or in writing, by the administering authority that the fragmentiser activities during adverse weather conditions are causing environmental harm outside the authorised place.
A15	The holder of this environmental authority must develop, document, implement and train relevant staff in procedures for optimal material and waste handling for dust and odour suppression.
A16	The holder of this environmental authority must develop, document, implement and train relevant staff in procedures for the optimal use of water sprays for dust and odour suppression.
A17	The procedures required by conditions A12, A15 and A16 must be reviewed on an annual basis or more frequently, as required by the administering authority, to determine their effectiveness in preventing nuisance resulting from the offsite release of air emissions. The outcome of this review must be made available to the administering authority upon request.
A18	When determined necessary by the holder of this environmental authority or the administering authority, the procedures required by conditions A12, A15 and A16 must be revised at the time of review to incorporate continual improvement in emissions management or when changes to the procedures are required to better manage the risk of environmental nuisance.
Agency interest: Land	
Condition number	Condition
L1	Preventing Contaminant Release to Land Contaminants must not be released to land.
L2	A dedicated and designated bunded hardstand area must be constructed and utilised for any draining and/or collection of flammable or hazardous materials prior to storage or processing in the fragmentiser. Such materials include, but are not limited to, engine or transformer oils, hydraulic

	fluids and petrol.																																									
L3	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm. <i>NOTE: All petroleum product storage must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.</i>																																									
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N1	<p>Other than as permitted within this environmental authority, noise from the activity must not exceed the levels specified in Table 1 - Noise limits at a noise sensitive place.</p> <p style="text-align: center;">TABLE 1 - Noise limits at a noise sensitive place</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2" style="text-align: center;">NOISE LIMITS AT A NOISE SENSITIVE PLACE</th> </tr> <tr> <th style="text-align: center;">Period</th> <th style="text-align: center;">Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level $L_{Amax,adj,T}$</th> </tr> </thead> <tbody> <tr> <td>7 am - 6 pm Monday to Friday</td> <td>56 dB(A) During the two-hour period of shredding foundry, profile steel and aluminium. 52 dB(A) At all other times from 7am – 6pm</td> </tr> <tr> <td>6 pm - 10 pm Monday to Friday</td> <td>43 dB(A) or 3 dB(A) above the background noise level, whichever is the higher.</td> </tr> <tr> <td>10 pm - 7 am Monday to Friday</td> <td>43 dB(A) or 3 dB(A) above the background noise level, whichever is the higher.</td> </tr> <tr> <td>8 am – 4 pm Saturday</td> <td>52 dB(A) or 5 dB(A) above the background noise level, whichever is the lower.</td> </tr> <tr> <td>4 pm - 10 pm Saturday</td> <td>43 dB(A) or 3 dB(A) above the background noise level, whichever is the lower.</td> </tr> <tr> <td>10 pm - 8 am Saturday</td> <td>43 dB(A) or 3 dB(A) above the background noise level, whichever is the lower.</td> </tr> <tr> <td>Sunday and public holidays</td> <td>3 dB(A) above the background noise level.</td> </tr> </tbody> </table> <p>Notes* Condition N1 applies to the operation of all plant and equipment used in the conducting of the ERAs at the authorised place and the plant and equipment referred to in Table 2.</p>	NOISE LIMITS AT A NOISE SENSITIVE PLACE		Period	Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level $L_{Amax,adj,T}$	7 am - 6 pm Monday to Friday	56 dB(A) During the two-hour period of shredding foundry, profile steel and aluminium. 52 dB(A) At all other times from 7am – 6pm	6 pm - 10 pm Monday to Friday	43 dB(A) or 3 dB(A) above the background noise level, whichever is the higher.	10 pm - 7 am Monday to Friday	43 dB(A) or 3 dB(A) above the background noise level, whichever is the higher.	8 am – 4 pm Saturday	52 dB(A) or 5 dB(A) above the background noise level, whichever is the lower.	4 pm - 10 pm Saturday	43 dB(A) or 3 dB(A) above the background noise level, whichever is the lower.	10 pm - 8 am Saturday	43 dB(A) or 3 dB(A) above the background noise level, whichever is the lower.	Sunday and public holidays	3 dB(A) above the background noise level.																							
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N2	<p>When ship loading activities are undertaken, noise must not include substantial low frequency noise components and must not exceed the levels identified in Table 1A – Noise limits – ship loading activities during the ship loading activities at any nuisance sensitive place or commercial place.</p> <p style="text-align: center;">Table 1A – Noise limits – ship loading activities</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2" style="text-align: center;">Noise level measured in dB(A)</th> <th colspan="3" style="text-align: center;">Monday to Saturday</th> <th colspan="3" style="text-align: center;">Sunday and Public Holidays</th> </tr> <tr> <th style="text-align: center;">7am–6pm</th> <th style="text-align: center;">6pm–10pm</th> <th style="text-align: center;">10pm–7am</th> <th style="text-align: center;">9am–6pm</th> <th style="text-align: center;">6pm–10pm</th> <th style="text-align: center;">10pm–9am</th> </tr> <tr> <th colspan="7" style="text-align: center;">Noise measured at the nearest sensitive place</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">$L_{Aeq,adj,1hr}$</td> <td style="text-align: center;">50</td> <td style="text-align: center;">44</td> <td style="text-align: center;">40</td> <td style="text-align: center;">40</td> <td style="text-align: center;">40</td> <td style="text-align: center;">40</td> </tr> <tr> <td style="text-align: center;">$L_{A1,adj,1hr}$</td> <td style="text-align: center;">55</td> <td style="text-align: center;">50</td> <td style="text-align: center;">47</td> <td style="text-align: center;">47</td> <td style="text-align: center;">47</td> <td style="text-align: center;">47</td> </tr> <tr> <td style="text-align: center;">$L_{Amax,1hr}$</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;">49</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;">49</td> </tr> </tbody> </table>	Noise level measured in dB(A)	Monday to Saturday			Sunday and Public Holidays			7am–6pm	6pm–10pm	10pm–7am	9am–6pm	6pm–10pm	10pm–9am	Noise measured at the nearest sensitive place							$L_{Aeq,adj,1hr}$	50	44	40	40	40	40	$L_{A1,adj,1hr}$	55	50	47	47	47	47	$L_{Amax,1hr}$	N/A	N/A	49	N/A	N/A	49
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		Noise measured at a commercial place											
L_{Aeq} adj, 1 hr		60	60	60	N/A	N/A	N/A						
L_{A1},adj, 1hr		65	65	65	N/A	N/A	N/A						
N3	<p>Noise Monitoring</p> <p>When requested by the administering authority, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring and recording must include:</p> <ul style="list-style-type: none"> (a) L_{A90}, adj, 15 mins; (b) L_A max, adj, 15 mins; (c) L_A eq, adj, 15 mins; (d) L_{A1},adj, 1hr (e) the level and frequency of occurrence of impulsive or tonal noise; (f) atmospheric conditions including wind speed and direction; (g) effects due to extraneous factors such as traffic noise; (h) location, date and time of recording; and (i) any other relevant meteorological or contextual data. 												
N4	The method of measurement and reporting of noise levels must comply with the latest edition of the administering authority's Noise Measurement Manual.												
N5	<p>Within three (3) months of re-commencement of the ship loading activities, a noise monitoring report must be prepared by a competent person to demonstrate compliance with the noise limits listed in Table 1A – Noise limits – ship loading activities. The noise monitoring report must be submitted to the administering authority within 14 days following completion of the noise monitoring and must include, but is not limited to:</p> <ul style="list-style-type: none"> a) a summary of noise monitoring data obtained in accordance with any of the monitoring requirements of condition N3 and N4; and b) an outline of actions proposed to be taken and timeframes for implementation, to minimise the environmental risk from any deficiency identified by the noise monitoring. <p><i>Note: Noise monitoring required by this condition must be undertaken when ship loading activities are taking place and operation is expected to be at maximum rates.</i></p>												
N6	<p>Operating Hours Restrictions</p> <p>The operation of plant and equipment is restricted to those hours specified in Table 2 – Permitted hours of operation.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="4" style="text-align: center;">Table 2 – Permitted hours of operation</th> </tr> <tr> <th style="text-align: center;">Operation of Plant and Equipment</th> <th style="text-align: center;">Permitted Hours of Operation - Monday to Friday</th> <th style="text-align: center;">Permitted Hours of Operation - Saturdays</th> <th style="text-align: center;">Permitted Hours of Operation - Sundays and Public Holidays</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Fragmentiser Operation: Shredding of foundry, profile steel and aluminium.</td> <td style="text-align: center;">9am - 11am or 12-2pm but in any event no more than 2 hours in one day</td> <td style="text-align: center;">Not Permitted</td> <td style="text-align: center;">Not Permitted</td> </tr> </tbody> </table>	Table 2 – Permitted hours of operation				Operation of Plant and Equipment	Permitted Hours of Operation - Monday to Friday	Permitted Hours of Operation - Saturdays	Permitted Hours of Operation - Sundays and Public Holidays	Fragmentiser Operation: Shredding of foundry, profile steel and aluminium.	9am - 11am or 12-2pm but in any event no more than 2 hours in one day	Not Permitted	Not Permitted
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Fragmentiser Operation: Shredding of foundry, profile steel and aluminium.	9am - 11am or 12-2pm but in any event no more than 2 hours in one day	Not Permitted	Not Permitted										

	Fragmentiser Operation: Shredding of light gauge and other materials.	7am – 6pm	8am – 4pm	Not Permitted
	Non-fragmentiser Operations	Allowed	Allowed	Allowed
	Ship loading activities	Allowed	Allowed	Allowed
N7	<p>Prevention of blast overpressure events</p> <p>Measures must be undertaken to minimise the risk of blast overpressure events. These measures must include, but not be limited to the following:</p> <ul style="list-style-type: none"> (a) feedstock inspections by fully trained inspectors prior to entering the conveyor; and (b) draining of all containers that may be holding flammable liquids prior to entering the conveyor. 			
N8	<p>The holder of this environmental authority must take all reasonable and practicable measures to ensure that all suppliers of scrap metal are notified of acceptance criteria for scrap metal. Measures must include, but are not limited to the following:</p> <ul style="list-style-type: none"> (a) ensuring signage is located and clearly visible at the entry to the Rocklea facility which outline acceptance criteria; and (b) providing written notification to all suppliers to improve supplier awareness of acceptance criteria. 			
N9	<p>The holder of this environmental authority must maintain a register that records the following details of blast overpressure events:</p> <ul style="list-style-type: none"> (a) the time of the blast overpressure event; (b) the suspected cause of the blast overpressure event; (c) action taken at the time (including cessation of fragmentiser operations); and (d) action taken to prevent further blast overpressure events from a similar cause. 			
N10	<p>The register referred to in condition N9 must be made available to the administering authority upon request.</p>			
N11	<p>In the event of complaints of environmental nuisance caused by blast overpressure events and when requested by the administering authority, the holder of this environmental authority must submit for approval a plan for the monitoring of air blast overpressure levels. The plan must specify a timeframe for monitoring and allow for the recording of the following details of events:</p> <ul style="list-style-type: none"> (a) the recorded sound pressure level (dB linear peak) and ground vibration level; and the details required by condition N9. 			
N12	<p>The holder of this environmental authority must undertake monitoring of air blast overpressure levels as per the approved plan referred to in condition N11 above and the results thereof notified to the administering authority within 14 days following completion of monitoring.</p>			
Agency interest: Social				
Condition number	Condition			
S1	<p>Complaint Response.</p> <p>The holder of this environmental authority must record the following details for all complaints received and provide this information to the administering authority on request:</p>			

	<p>(a) Time, date, name and contact details of the complainant;</p> <p>(b) reasons for the complaint;</p> <p>(c) any investigations undertaken;</p> <p>(d) conclusions formed; and</p> <p>(e) any actions taken.</p>
Agency interest: Waste	
Condition number	Condition
W1	<p>The holder of this environmental authority must not:</p> <p>(a) burn waste at or on a place to which this approval relates; nor</p> <p>(b) allow waste to burn or be burnt at or on a place to which this approval relates.</p> <p><i>(This condition does not apply to material that is required to be burnt under quarantine regulations and burning of such materials is to be carried out in a way that does not cause environmental harm and this condition does not refer to activities carried out under the provisions of the Fire and Rescue Service Act 1990.)</i></p>
W2	<p>Regulated Waste</p> <p>The holder of this environmental authority must not directly or indirectly release any regulated waste to any place other than a place which can lawfully accept that waste.</p>
W3	<p>Wastewater from onsite processes cannot be discharged to sewer without a trade waste agreement. Records of any trade waste agreements must be made available for inspection on request.</p>
W4	<p>If the holder of this environmental authority becomes aware that a person has disposed of regulated waste in a manner which is not authorised by this environmental authority or which is improper or unlawful, then the holder of this environmental authority must, as soon as practicable, notify the administering authority of all relevant facts, matters and circumstances known concerning the disposal.</p>
W5	<p>Regulated Waste Storage</p> <p>Regulated wastes must only be stored within those areas designated for those purposes.</p>
W6	<p>Batteries, lead, nickel, miscellaneous foundry residues and quarantine waste are the only regulated wastes which may be received and stored at the premises.</p>
W7	<p>Battery Storage and Draining</p> <p>Batteries are permitted to be stored in unroofed areas only when palletised and plastic wrapped.</p>
W8	<p>The draining of acid or other liquids from batteries must only occur within a designated area to be specified in the SBMP.</p>
W9	<p>The area specified for battery draining operations must be roofed and bunded.</p>
W10	<p>Battery acid must be stored in a dedicated roofed and bunded storage tank prior to removal.</p>
W11	<p>Stockpile Management</p> <p>Unprocessed mixed scrap metal stockpiles on site must be managed so as not to exceed 12 metres (height) by 20 metres (width) by 100 metres (length) in dimension.</p>
W12	<p>Stockpiles of car bodies, in any stage of compaction, must be managed so as not to exceed 6 metres (height) by 6 metres (width) by 25 metres (length) in dimension.</p>

W13	All unprocessed scrap metal stockpiles on site must be separated by a distance of no less than six (6) metres to allow for fire fighting vehicle and equipment access.
W14	Waste flock resulting from the fragmentiser process, must be stockpiled only within dedicated waste flock bays and be removed off site regularly.
W15	Flock stored for reprocessing must only be stored in three-sided, open-top bays that have full concrete flooring and walls of concrete, masonry or steel.
W16	All flock stockpiles must not exceed the height of the flock bay walls.
W17	All unprocessed scrap metal stockpiles must be located at a minimum distance of six (6) metres from site boundaries to allow for fire fighting vehicle and equipment access.
Agency interest: Water	
Condition number	Condition
WA1	Contaminants must not be released from the site to any surface waters or the bed or banks of any surface waters.
WA2	There must be no release of untreated stormwater runoff that has been in contact with any contaminants or stockpiles at the site, to any waters, roadside gutter or stormwater.
WA3	All uncontaminated stormwater run-off must be diverted away from any metal recovery areas and motor vehicle body storage areas of the authorised place.
WA4	Erosion Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
WA5	Contaminant Releases to Groundwater The holder of this environmental authority must take all reasonable and practicable measures to prevent the release of contaminants to groundwater.
WA6	Maintenance and Clean up Any spillage of wastes, contaminants or other materials must be cleaned up as quickly as practicable. Such spillages must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminants or material to any stormwater drainage system, roadside gutter or waters.
WA7	All maintenance and clean up of vehicles and other equipment or plant must be carried out in areas which minimise the risk of contaminants being released into any waters, roadside gutter or stormwater drainage system.
WA8	Bunding All chemical tank storage must be banded so that the capacity of the bund is sufficient to contain at least one hundred and ten percent (110%) of the largest storage tank plus ten percent (10%) of the second largest tank within the bund.
WA9	All chemical drum storage must be banded so that the capacity of the bund is sufficient to contain at least one hundred percent (100%) of the largest container plus twenty-five percent (25%) of the storage capacity up to 10, 000 litres, together with ten percent (10%) of the storage capacity beyond 10, 000 litres.

WA10	All bunding must be constructed of materials that are impervious to the materials stored.						
WA11	<p>Stormwater Treatment Systems</p> <p>The ERA must be carried out by such practicable means necessary to ensure that all contaminated stormwater runoff and wastewater from the site is directed to treatment systems.</p>						
WA12	The holder of this environmental authority must maintain the treatment systems in effective operating condition to treat contaminated or potentially contaminated stormwater from drainage areas within the premises.						
WA13	Sediment accumulated within the retention pond must be removed whenever the volume of the pond is reduced by 20% or more. Collected sediment must be disposed of in a manner that prevents release of contaminants or wastes to any stormwater drain or roadside gutter.						
WA14	Sediment removed from the retention pond must only be removed from the premises by an authorised regulated waste transporter.						
WA15	<p>The holder of this environmental authority must keep records of the details of removal of sediment from the retention pond, including:</p> <ul style="list-style-type: none"> (a) when the sediment was removed; (b) who removed the sediment; (c) how much was removed; and (d) the method of disposal. 						
WA16	As far as practicable, all wastewater collected in the collection system must be recycled or reused within the boundaries of the authorised place.						
WA17	Any wastewater or entrained sediment surplus to site reuse or recycling requirements must only be removed from the authorised place by an authorised regulated waste transporter or treated on site prior to discharge.						
WA18	<p>Water Quality Monitoring</p> <p>Water quality monitoring must be undertaken and records kept of contaminant releases to waters at the discharge locations, specified in Table 4 – Release Point Location, for the quality characteristics and frequency specified in Table 3 – Release point monitoring. All determinations of the quality of water released must be:</p> <ul style="list-style-type: none"> (a) made in accordance with methods prescribed in the latest edition of the administering authority's Water Quality Sampling Manual; and (b) carried out on samples that are representative of the discharge; and (c) carried out on samples that are collected at release points specified in Table 4 – Release Point Location. 						
WA19	<p>The release points specified in Table 4 – Release Point Location must be accessible for the purpose of obtaining of water quality samples.</p> <p style="text-align: center;">Table 3 – Release Point Monitoring</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">QUALITY CHARACTERISTIC DETERMINATION</th> <th style="text-align: center;">RELEASE POINTS</th> <th style="text-align: center;">FREQUENCY</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Suspended Solids</td> <td style="text-align: center;">W1 and W2</td> <td style="text-align: center;">Monthly (When Releasing)</td> </tr> </tbody> </table>	QUALITY CHARACTERISTIC DETERMINATION	RELEASE POINTS	FREQUENCY	Suspended Solids	W1 and W2	Monthly (When Releasing)
QUALITY CHARACTERISTIC DETERMINATION	RELEASE POINTS	FREQUENCY					
Suspended Solids	W1 and W2	Monthly (When Releasing)					

pH	W1 and W2	Monthly (When Releasing)
Oil and Grease (no visible film or odour)	W1 and W2	Monthly (When Releasing)
Total Iron	W1 and W2	Quarterly (When Releasing)
Total Chromium	W1 and W2	Quarterly (When Releasing)
Total Zinc	W1 and W2	Quarterly (When Releasing)
Total Nickel	W1 and W2	Quarterly (When Releasing)
Total Aluminium	W1 and W2	Quarterly (When Releasing)
Total Copper	W1 and W2	Quarterly (When Releasing)
Total Lead	W1 and W2	Quarterly (When Releasing)
Total Cadmium	W1 and W2	Quarterly (When Releasing)
Total Petroleum Hydrocarbons (TPH)	W1 and W2	Quarterly (When Releasing)

Table 4 – Release Point Location

Release Point	Location
W1	Outlet from the retention pond near the north-western site boundary
W2	Stormwater discharge point adjacent to Dunn Road, near the site entrance

Definitions

Key terms and/or phrases used in this document are defined in this section. Where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

“**activity**” means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.

“**administering authority**” means the Department of Environment and Science or its successor.

“**adverse weather conditions**” means wind speeds, and/or wind directions and/or temperature inversions that are capable of transporting contaminants beyond the boundaries of the authorised place.

"authorised place" means the place authorised under this environmental authority for the carrying out of the specified ERAs.

"background noise level" means $L_{A90,T}$ being the A-weighted sound pressure level exceeded for ninety per cent (90%) of a time period of not less than fifteen (15) minutes, using Fast response, and is to be calculated in accordance with the latest edition of the administering authority's Noise Measurement Manual.

"blast overpressure event" means blast overpressure that originates from the fragmentiser operation.

"commercial place" means a place used as an office or for business or commercial purposes.

"competent person" means a person(s) with appropriate experience and/or qualifications to ensure any monitoring required by this approval is undertaken in accordance with relevant guidelines and standards.

"contaminant" as defined under section 11 of the *Environmental Protection Act 1994*, can be—

- (a) a gas, liquid or solid; or
- (b) an odour; or
- (c) an organism (whether alive or dead), including a virus; or
- (d) energy, including noise, heat, radioactivity and electromagnetic radiation; or
- (e) a combination of contaminants.

"contaminated runoff" means stormwater and/or stormwater runoff that contains contaminants that may cause environmental harm.

"dwelling" means any of the following structures or vehicles that is principally used as a residence –

- (a) a house, unit, motel, nursing home or other building or part of a building;
- (b) a caravan, mobile home or other vehicle or structure on land;
- (c) a water craft in a marina.

"flock" means shredded rubber, foam, rubber seals, textiles, paper and other material, including metals which is a by-product of the fragmentiser process.

"fragmentiser" means the shredder located at the Rocklea site.

"fragmentiser activities" means fragmentiser operations or associated emission-generating activities.

"intrusive noise" means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration -

- (a) is clearly audible to, or can be felt by, an individual; and
- (b) annoys the individual.

In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be had to *Australian Standard 1055.2 - 1997 Acoustics - Description and Measurement of Environmental Noise Part 2 - Application to Specific Situations* or supplements to that document as such become available.

" $L_{A1,adj,1hr}$ " means the A-weighted sound pressure level, adjusted for tonal character or impulsiveness, that is exceeded for 1% of a 1-hour period when measured using a fast standardised response time.

" $L_{Amax,adj,T}$ " means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than fifteen (15) minutes, using Fast response, with a maximum adjustment of +2 dB (A).

" $L_{Aeq,adj,1hr}$ " means an A-weighted sound pressure level of a continuous steady sound, adjusted for tonal character, that within a 1-hour period has the same mean square sound pressure of a sound that varies with time.

"land" in the land conditions of this document means land excluding waters and the atmosphere.

"monthly (when releasing)" means one (1) sample taken at the first opportunity within each particular month, if releasing.

"noxious" means harmful or injurious to health or physical wellbeing.

"noise sensitive place" means any of the following places:

- (a) a dwelling;
- (b) a library, childcare centre, kindergarten, school, college, university or other educational institution;
- (c) a hospital, surgery or other medical institution;
- (d) a protected area, or an area identified under a conservation plan as a critical habitat or an area of major interest, under the *Nature Conservation Act 1992*;
- (e) a marine park under the *Marine Parks Act 2004*;
- (f) a park or garden that is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment.

"nuisance sensitive place" includes –

- (a) a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- (b) a motel, hotel or hostel; or
- (c) a kindergarten, school, university or other educational institution; or
- (d) a medical centre or hospital; or
- (e) a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or
- (f) a public thoroughfare, park or gardens; or
- (g) a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

"offensive" means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.

"protected area" means –

- (a) a protected area under the *Nature Conservation Act 1992*; or
- (b) a marine park under the *Marine Parks Act 2004*; or
- (c) a World Heritage Area.

"quarterly (when releasing)" means one (1) sample taken at the first opportunity within each particular quarter, if releasing.

"regulated waste" as defined by Environmental Protection Regulation 2019.

"release" of a contaminant into the environment, includes:

- (a) to deposit, discharge, emit or disturb the contaminant;
- (b) to cause or allow the contaminant to be deposited, discharged, emitted or disturbed;
- (c) to allow the contaminant to escape; and
- (d) to fail to prevent the contaminant from escaping.

"ship loading activities" means the movement and loading of trucks which will travel to port for loading of ships.

"substantial low frequency noise" means a noise emission that has an unbalanced frequency spectrum shown in a one-third octave band measurements, with a predominant component within the frequency range 10

to 200 Hz. It includes any noise emission likely to cause an overall sound pressure level at a noise sensitive place exceeding 55 dB(Z).

"**waters**" includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part thereof.

END OF ENVIRONMENTAL AUTHORITY