

Permit

Environmental Protection Act 1994

Environmental authority P-EA-100440266

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

Environmental authority number: P-EA-100440266

Environmental authority takes effect on 2 June 2023.

Environmental authority holder(s)

Name(s)	Registered address
Pinewood Products Pty Ltd	442 Binstead Way Oxenford QLD 4210

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 46(1) - using chemicals listed in AS1604.1, appendix B, other than copper chromium arsenic or creosote, to treat 1,500m ³ or more of timber in a year for preservation on a commercial basis;	Lot 17/RP134407 and Lot 18/RP134407 242 Burnside Road, Gilberton, 250 Burnside Road, Gilberton Qld 4208
ERA 46(2) - using copper chromium arsenic, creosote or a chemical not listed in AS1604.1, appendix B, to treat timber for preservation on a commercial basis;	Lot 17/RP134407 and Lot 18/RP134407 242 Burnside Road, Gilberton, 250 Burnside Road, Gilberton Qld 4208
ERA 47(a) - milling, in a year, the following total quantity of timber (a) 5,000t to 10,000t;	Lot 17/RP134407 and Lot 18/RP134407 242 Burnside Road, Gilberton, 250 Burnside Road, Gilberton Qld 4208
ERA8(5) - storing 200m ³ or more of chemicals that are liquids, other than chemicals mentioned in items 1 to 3, under subsection (1)(d)	Lot 17/RP134407 and Lot 18/RP134407 242 Burnside Road, Gilberton, 250 Burnside Road, Gilberton Qld 4208

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.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the *Planning Act 2016* or an SDA Approval under the *State Development and Public Works Organisation Act 1971*), this EA will not take effect until the additional authorisation has taken effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

The anniversary day of this environmental authority is the same day each year as the original take effect date unless you apply to change the anniversary day. The payment of the annual fee will be due each year on this day.

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.



Signature

2 June 2023

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

Enquiries:
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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 to 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.

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 Resources (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

Development Approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. If you are unsure that you have the most current version of the environmental authority relating to this site please visit <https://apps.des.qld.gov.au/env-authorities/> to access all environmental authorities currently approved.

Conditions of environmental authority

Agency interest: General	
Condition number	Condition
G1	Activities under this environmental authority must be conducted in accordance with the following limitations: 1. The amount of timber milled must not exceed 10,000 tonnes per annum. 2. The amount of timber treated using chemicals listed in AS1604.1, appendix B, other than copper chromium arsenic or creosote, must not exceed 145,000m³ in a year; 3. The amount of timber treated using copper chromium arsenic, creosote or a chemical not listed in AS1604.1, appendix B must not exceed 110,000m³ in a year; 4. The only chemicals permitted to be used to treat timber are: a. Copper chrome arsenate (CCA); b. Ammoniacal copper quaternary (ACQ); c. Light organic solvent preservative (LOSP) H2; d. LOSP H3; and e. Bifenthrin.
G2	Any contravention of a condition of this environmental authority must be reported to the administering authority as soon as practicable, but no more than 24 hours after becoming aware of the contravention.
G3	The person undertaking the activity to which this environmental authority relates must: (a) at monthly intervals, make a record of the total amount of timber milled (in tonnes) and timber treated (in m³) at the approved place for the preceding month; and (b) at the end of each anniversary year, calculate and make a record of the total amount of timber milled and timber treated over that year; and (c) provide the document made pursuant to conditions (G3)(a) and (G3)(b) to the administering authority upon request.
G4	All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused by the activities.
G5	Other than as permitted by this environmental authority, the release of a contaminant into the environment must not occur.
G6	Prior to commencement of the activity, written procedures must be developed that: a) identify all potential risks to the environment from the activity, including during and outside routine operations, during closure and in an emergency; and b) identify measures to prevent or minimise the potential for environmental harm for each of the potential risks identified; and c) establish an inspection and maintenance program for plant and equipment including

	calibration and servicing that is in accordance with manufacturer's instructions; and d) establish a staff training program on obligations under this environmental authority and the <i>Environmental Protection Act 1994</i> to be conducted as part of staff inductions and at least annually; and e) establish processes to review environmental risks, incidents, performance and complaints.
G7	Written procedures required by condition G6 must be: a) implemented; b) kept in a location readily accessible to personnel carrying out the activity; and c) reviewed at least annually or following any amendments made to the environmental authority.
G8	Timber treatment plant and all equipment must be installed, operated and maintained in accordance with latest version of: - <i>Australian Standard AS 2843.1: Timber preservation plants – Part 1: Timber preservation plant site design</i>; and - <i>Australian Standard AS 2843.2: Timber preservation plants – Part 2: Treatment area operation</i>.
G9	Environmental monitoring results must be kept until surrender of this environmental authority. All other information and records that are required by the conditions of this environmental authority must be kept for a minimum of five (5) years. All information and records required by the conditions of this environmental authority must be provided to the administering authority, or nominated delegate upon request, within the required timeframe and in the specified format.
G10	An appropriately qualified person must: a) monitor and record all parameters that are required to be monitored by this environmental authority and in the manner specified by this environmental authority; and b) analyse and interpret the results of all monitoring required by this environmental authority and document the analysis and interpretation.
G11	All analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (NATA) certification, or an equivalent certification, for such analyses. The only exceptions to this condition are: a) the in-situ monitoring of turbidity, pH, electrical conductivity and dissolved oxygen; and b) the in-situ monitoring of stack exit gas velocity and volume flow rate, stack temperature, stack moisture content.
G12	Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system.
G13	When requested by the administering authority, monitoring must be undertaken in the manner prescribed by the administering authority to investigate potential or actual environmental harm arising from the activity. The results of monitoring must be provided to the administering authority within the timeframe and in the format specified in the request.
G14	Sawdust must be managed in a way that prevents its release to waters or air.

Agency interest: Waste																											
Condition number	Condition																										
W1	All waste generated in carrying out the activity must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.																										
W2	Other than the use of untreated sawdust and shavings as feedstock for the timber drying kilns boiler, waste material produced by the activity must not be burned.																										
Agency interest: Air																											
Condition number	Condition																										
A1	Other than as permitted within this environmental authority, odours or airborne contaminants generated by the activity must not cause environmental nuisance to any sensitive place or commercial place.																										
A2	Dust and particulate matter emissions must not exceed the following concentrations at any sensitive place or commercial place: a) dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10.1 (or more recent editions); or b) a concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 50 micrograms per cubic metre over a 24-hour averaging time, when monitored in accordance with Australian Standard AS 3580.9.6 (or more recent editions) or any other method approved by the administering authority.																										
A3	Contaminants must only be released from point source(s) to air in accordance with <i>Table 1– Point source air release limits</i> and the associated requirements. Table 1– Point source air release limits <table><tr><th colspan="3">Release point (GDA 2020)</th><th rowspan="2">Contaminant (units)</th><th rowspan="2">Maximum release limit</th><th rowspan="2">Monitoring frequency</th></tr><tr><th>Reference</th><th>Latitude</th><th>Longitude</th></tr><tr><td>Dust extraction unit outlet</td><td>-27.7463</td><td>153.2631</td><td>Solid particles (mg/m³)</td><td>50</td><td rowspan="3">Upon request by the administering authority</td></tr><tr><td rowspan="2">Boiler</td><td rowspan="2">-27.7469</td><td rowspan="2">153.2630</td><td>Solid particles (mg/Nm³)</td><td>50</td></tr><tr><td>Nitrogen dioxide (NO₂) or nitric oxide (NO) or both nitrogen dioxide and nitric oxide, as</td><td>500</td></tr></table>					Release point (GDA 2020)			Contaminant (units)	Maximum release limit	Monitoring frequency	Reference	Latitude	Longitude	Dust extraction unit outlet	-27.7463	153.2631	Solid particles (mg/m³)	50	Upon request by the administering authority	Boiler	-27.7469	153.2630	Solid particles (mg/Nm³)	50	Nitrogen dioxide (NO₂) or nitric oxide (NO) or both nitrogen dioxide and nitric oxide, as	500
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			NO ₂ equivalent (mg/Nm ³)				
	Associated requirements: 1. Contaminants released must be directed vertically upwards without any impedance or hindrance. 2. Normal cubic metre (Nm³) means the volume of dry gaseous contaminant which occupies 1 cubic metre at a temperature of zero degrees Celsius and at an absolute pressure of 101.3 kilopascals.						
A4	The release of contaminants specified in condition A3 must be monitored in accordance with the following requirements: a. Monitoring must be undertaken when emissions are expected to be representative of actual operating conditions for the sample period; b. All monitoring devices must be effectively calibrated and maintained in accordance with the manufacturer's instructions and Australian and international standards; c. Air monitoring must be in accordance with the current edition of the administering authority's 'Air Quality Sampling Manual'. If monitoring requirements are not described in the administering authority's 'Air Quality Sampling Manual', monitoring protocols must be in accordance with a method as approved by New South Wales Environmental Protection Agency, Victorian Environmental Protection Agency or United States of America Environmental Protection Agency; d. The following must be recorded for each sample collected in accordance with <i>Table – Point source air release limits</i>: i. stack exit gas velocity and volume flow rate; ii. stack temperature; iii. moisture content (water vapour content); iv. the plant's throughput rate; and v. any factors that may influence air pollutant emissions.						
A5	Prior to the commencement of the activity, an appropriately qualified person(s) must develop an Odour Management Plan that addresses the following issues: a. utilisation of low odour-containing chemicals and material to minimise the generation of odours and VOC emissions; b. use of management techniques to avoid creating odours (e.g. using less odorous materials); c. storage of odour producing chemicals and material; d. conducting odour-generating activities within enclosed spaces and prevent fugitive emissions; e. implementation and maintenance of odour collection and treatment systems; and f. scheduling of activities to minimise the odour generation.						
A6	At all times, the Odour Management Plan in condition A5 must be implemented in a manner that does not contravene another condition of this environmental authority.						
Agency interest: Land							
Condition	Condition						

number																																																		
L1	Other than as permitted within this environmental authority, contaminants must not be released to land.																																																	
L2	Erosion and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment to waters.																																																	
L3	Before applying to surrender this environmental authority, an appropriately qualified person(s) must confirm that the site: 1. is suitable for its intended use; and 2. is safe, stable and non-polluting.																																																	
Agency interest: Acoustic																																																		
Condition number	Condition																																																	
N1	Other than as permitted within this environmental authority, noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place.																																																	
N2	Noise from the activity must not exceed the levels identified in <i>Table 2- Noise limits</i> when measured in accordance with the associated monitoring requirements. Table 2- Noise limits<table><tr><th></th><th colspan="3">Monday to Saturday</th><th colspan="3">Sunday and Public Holidays</th></tr><tr><th></th><th>7am–6pm</th><th>6pm–10pm</th><th>10pm–7am</th><th>9am-6pm</th><th>6pm-10pm</th><th>10pm-9am</th></tr><tr><th></th><th colspan="6">Noise measured at the sensitive place*</th></tr><tr><td>L_{Aeq, adj, T}</td><td>45</td><td>44</td><td>37</td><td>45</td><td>44</td><td>37</td></tr><tr><td>MaxL_{pA,T}</td><td>-</td><td>-</td><td>49</td><td>-</td><td>-</td><td>49</td></tr><tr><th></th><th colspan="6">Noise measured at the commercial place</th></tr><tr><td>L_{Aeq, adj, T}</td><td>55</td><td>55</td><td>55</td><td>55</td><td>55</td><td>55</td></tr></table> * A residential dwelling at the location is not considered to be a sensitive place, so long as a contractual arrangement exists between you and the owner of the dwelling Associated monitoring requirements 1. All monitoring devices must be calibrated and maintained according to the manufacturer's instruction manual. 2. Any monitoring must be in accordance with the most recent version of the administering authority's <i>Noise Measurement Manual</i>. 3. Any monitoring of noise emissions from the activity must be undertaken when the activity is in operation.		Monday to Saturday			Sunday and Public Holidays				7am–6pm	6pm–10pm	10pm–7am	9am-6pm	6pm-10pm	10pm-9am		Noise measured at the sensitive place*						L _{Aeq, adj, T}	45	44	37	45	44	37	MaxL _{pA,T}	-	-	49	-	-	49		Noise measured at the commercial place						L _{Aeq, adj, T}	55	55	55	55	55	55
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Agency interest: Water	
Condition number	Condition
WA1	Contaminants must not be released to any waters.
Agency interest: Chemically treating timber	
Condition number	Condition
CT1	Timber treatment chemicals stored onsite must not exceed the following volumes: a) CCA concentrate: 10,000 litres; b) CCA work tank solution: 180,000 litres; c) ACQ/Micropro concentrate: 3,000 litres; d) ACQ/Micropro work tank solution: 120,000 litres; e) Bifenthrin concentrate: 2,000 litres; f) Bifenthrin work tank solution: 20,000 litres; g) LOSP ready to use (RTU): 200,000 litres.
CT2	Prior to the commencement of the activity, an appropriately qualified person must develop a Chemical Treatment Management Plan that addresses the following issues: • the prevention of stormwater from contacting waste and/or contaminants; • the prevention of land, groundwater and surface water contamination; • the prevention of the release of contaminants to air; and • the disposal of chemical treatment waste.
CT3	At all times, the Chemical Treatment Management Plan in condition CT2 must be implemented in a manner that does not contravene another condition of this environmental authority.

Definitions

Key terms and/or phrases in this environmental authority 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.

ACQ means ammoniacal cooper quaternary.

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 or predecessors.

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills or experience relevant to the EA requirement and can give authoritative assessment, advice and analysis in relation to the EA requirements using the relevant protocols, standards, methods or literature.

Background means noise, measured in the absence of the noise under investigation, as $L_{A\ 90, \text{adj}, T}$ being the A-weighted sound pressure level exceeded for 90 per cent of the time period of not less than 15 minutes, using Fast response.

CCA means copper chrome arsenate.

Commercial place means 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.

Disturbed areas include areas:

- that are susceptible to erosion;
- that are contaminated by the activity; and/or
- upon which stockpiles of soil or other materials are located.

Environmental harm as defined in the *Environmental Protection Act 1994*.

Environmental nuisance as defined in the *Environmental Protection Act 1994*.

Environmental harm as defined in the *Environmental Protection Act 1994*.

Environmental value as defined in the *Environmental Protection Act 1994*.

Groundwater means water that occurs naturally in, or is introduced artificially into, an aquifer.

LOSP means light organic solvent preservative.

Land means any land, whether above or below the ordinary high-water mark at spring tides (i.e. includes tidal land).

$L_{Aeq, \text{adj}, T}$ means the adjusted A weighted equivalent continuous sound pressure level measured on fast response, adjusted for tonality and impulsiveness, during the time period T, where T is measured for a period no less than 15 minutes when the activity is causing a steady state noise, and no shorter than one hour when the approved activity is causing an intermittent noise.

$Max_{L_{pA, T}}$ means the maximum A-weighted sound pressure level measured over a time period T of not less than 15 minutes, using Fast response.

Measures has the broadest interpretation and includes:

- Procedural measures such as standard operating procedures for dredging operations, environmental risk assessment, management actions, departmental direction and competency expectations under relevant guidelines

- Physical measures such as plant, equipment, physical objects (such as bunding, containment systems etc.), ecosystem monitoring and bathymetric surveys.

NATA means National Association of Testing Authorities.

Nominated delegate means another government agency that provides services to the administering authority.

Prescribed water contaminants means contaminants listed within Schedule 10 of the *Environmental Protection Regulation 2019*.

Offensive means causing offence or displeasure, is unreasonably disagreeable to the senses, disgusting, nauseous or repulsive.

Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

Release of a contaminant into the environment means to:

1. deposit, discharge, emit or disturb the contaminant
2. cause or allow the contaminant to be deposited, discharged, emitted or disturbed
3. fail to prevent the contaminant from being deposited, discharged emitted or disturbed
4. allow the contaminant to escape
5. fail to prevent the contaminant from escaping.

Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system, to land, groundwater, or surface waters.

Sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or
6. a public park or garden; or
7. for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2019.

Timber includes the bark, trunks, branches, stumps and roots of trees and all wood, whether or not the same is cut up, sawn, hewn, split, or otherwise fashioned.

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.

VOC means volatile organic compounds.

You means the holder of the environmental authority.

END OF ENVIRONMENTAL AUTHORITY