

Application details

ABN 85 899 617 894



Application details

Application ID APP004462

Application status Submitted

Application type

Application type New

Permission type Development Licence

Estimated project cost \$5,500,000.00

Permission applicants

Applicant name MONSBENT PTY LTD

Applicant type Registered company

ABN 93002820117

ACN 002820117

Billing email address dwh@drhenderson.com.au

Registered office address Pitcher Partners NSW PTY LTD MLC Centre Level 22 19-29 Martin PL
Sydney 2000 NSW
Australia

Mailing address Pitcher Partners NSW PTY LTD MLC Centre Level 22 19-29 Martin PL
Sydney 2000 NSW
Australia

CEO name David Henderson

CEO email dwh@drhenderson.com.au

Application details

ABN 85 899 617 894

CEO contact number	02 8118 3600
Signatory name	David Henderson
Signatory email	dwh@drhenderson.com.au
Signatory contact number	02 8118 3600
Key contact name	John Sambell
Key contact email	john.sambell@drhenderson.com.au
Key contact number	03 4700 6444

Primary Applicant

Primary Applicant MONSBENT PTY LTD

Suitability to hold a permission

Prohibited person declaration One or more persons are identified as prohibited

I declare all prohibited person declarations have been attached I agree

Fit and proper person declaration

I have attached all necessary information for EPA to perform a Fit and Proper assessment which is I agree

Application details

ABN 85 899 617 894

true and correct to the best of my knowledge

Prescribed permission activities

Scheduled activity	F: Wood and wood derivatives
Scheduled category	F02 (Fibreboard)
Description	Particleboard manufacture.
Is this activity at a fixed or mobile location?	Fixed
Activity location & unstructured address	42 Benalla-yarrowonga Road Benalla 3672

Waste information and treatment codes

-

Proposed activity

Process and technology

Summary of the background environmental condition.

Proposed location of the WESP and Heat Plant is shown in section 3.9 of attachment 5 of the supporting documentation (Attachment 5 - WESP & Heat Plant - Plant and Process Description - section 3.9 Location). A map of sensitive receptors is given in section 10.2 of WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION. Modelling was conducted to determine the effect of emissions on human health, the environment and amenity considerations for sensitive receptors (refer attachment 6).

Application details

ABN 85 899 617 894

Is this construction or installation of plant or equipment required?

Yes

Describe the required plant or equipment.

Wet electrostatic precipitator (WESP) to treat emissions from wood chip dryers. Heat plant to generate energy from the combustion of biomass. Plant is described in detail in attachment 5 of the supporting documentation (Attachment 5 - WESP & Heat Plant - Plant and Process Description).

Describe the processes or systems you will develop to perform the activity.

The WESP and Heat Plant will be operated under Monsbent's existing Safety Management System (SMS), Environment Management System (EMS), Risk Management and Monitoring Program (RMMP), and maintenance systems (Mainpac). Systems and processes are described in WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION, and attachment 5 of the supporting documentation (Attachment 5 - WESP & Heat Plant - Plant and Process Description)

Is this a new activity or a modification to an existing activity?

New activity

Outline your experience and competency in performing this activity.

Monsbent has experience operating a large and complex industrial site since the mid 1980s, with a variety of processing plant and equipment. Commissioning of the WESP and Heat Plant will be supported by the supplier to ensure that the plant is operated in a manner that is without risks to health, safety, and the environment, so far as is practicable.

Is the proposed activity a research, development or demonstration activity as part of a Pilot Project?

No

Application details

ABN 85 899 617 894

Summarise the scale, dimension, purpose and duration of the activity.

-

Summary of measures used to comply with the general environmental duty.

Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 6.

Summary of measures considered as best available techniques or technologies.

Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 5, and attachment 2 (Attachment 2 - Selection of abatement equipment matrix).

Summary of greenhouse gas emissions generated from this activity.

Refer to Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10.3.

Summary of systems and processes to prevent or minimise greenhouse gas emissions.

Refer to Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10.3.

Summary of potential impacts from climate change on the activity and related adaptation methods.

Refer to Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10.3.

Waste

Summary of how waste is managed in line with the waste management hierarchy.

Refer to Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10.4.

Application details

ABN 85 899 617 894

Detail the systems and processes used to minimise risks of harm to human health and the environment from the handling, storage, use and transportation of substance.

Refer to Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10.6.

Risk Assessment

Human health and environment

Summary of the risk assessment identifying risks to human health and the environment.

Risk assessment details are given in WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10 - Consideration of activity hazards and risk of harm to human health and the environment; and attachment 7 (Attachment 7 - WESP & Heat Plant Qualitative Risk Assessment).

Summary of how identified risks are eliminated or reduced as far as reasonably practicable.

Risk assessment details are given in WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10 - Consideration of activity hazards and risk of harm to human health and the environment; and attachment 7 (Attachment 7 - WESP & Heat Plant Qualitative Risk Assessment).

Environmental management

Summary of environmental management systems used to prevent or minimise impact on the environment.

The WESP and Heat Plant will be operated under the site's existing EMS, SMS, RMMP and Maintenance systems. Details of specific systems are given in attachment 5 (Attachment 5 - WESP & Heat Plant - Plant and Process Description).

Will you undertake an environmental audit related to the activity?

No

Application details

ABN 85 899 617 894

Summary of environmental auditing requirements and implementation approach.

-

Summary of post-closure plans, including aftercare management, decommissioning and rehabilitation.

Decommissioning and rehabilitation would be considered as part of a site-wide assessment. End of life (e.g. plant going to landfill) was considered as part of the climate change/greenhouse gas assessment.

Risk management

Air

Summary of the activity's emissions to air.

Emissions to air are detailed in WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10, and attachment 6 (Attachment 6 - Emissions Modelling Report R011332).

Summary of the systems and processes to prevent or minimise impacts from air emissions.

Technical details of how the WESP will treat emissions from the wood chip dryers and the Heat Plant are given in attachment 5 (Attachment 5 - WESP & Heat Plant - Plant and Process Description).

Noise

Summary of the activity's noise emissions.

Emissions to air are detailed in WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10, and attachment 6 (Attachment 6 - Emissions Modelling Report R011332).

Summary of the systems and processes to prevent or minimise impacts from noise emissions.

The noise model (attachment 4) indicates that the WESP and Heat Plant will not increase the site's noise emissions above prescribed limits. Site noise is managed as part of the RMMP (e.g. monthly work area inspections for unusual or excessive noise). Monsbent is also working with an audiometric consultant to develop a noise management plan for the site.

Water

Application details

ABN 85 899 617 894

Summary of the activity's emissions to surface waters.

Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10.4.

Summary of the systems and processes to prevent or minimise impacts to surface water.

Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10.4.

Land and groundwater

Summary of the activity's emissions to land or groundwater.

Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10.4.

Summary of the systems and processes to prevent or minimise impacts to land and groundwater.

Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10.4.

Odour

Summary of the activity's emissions of odour.

Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10.2. Risk of Harm Assessment – Aesthetics and Odour.

Summary of the systems and processes to prevent or minimise impacts from odour emissions.

Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10.2. Risk of Harm Assessment – Aesthetics and Odour.

Waste

Does your activity include management or control of industrial waste, priority waste and/or reportable priority waste?

Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION sections 10.4 and 10.6.

Application details

ABN 85 899 617 894

Detail the type, quantity and treatment of waste.

Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION sections 10.4 and 10.6, and attachment 5 (Attachment 5 - WESP & Heat Plant - Plant and Process Description).

Is this proposed activity included in a relevant schedule of Regional Waste and Resource Recovery Implementation Plan?

Yes. D&R Henderson (the name Monsbent trades under) is listed as a recycler of organics in North East Waste and Resource Recovery Implementation Plan June 2017, section 4.6, as an Energy from Waste facility in section 4.7, as a Waste and resource recovery hub in section 4.13, and in the infrastructure schedule in section 6.2.

Human health

Summary of the activity's potential human health impacts.

Human health impacts are documented in WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10, and attachment 6 (Attachment 6 - Emissions Modelling Report R011332).

Summary of the systems and processes to prevent or minimise impacts to human health.

Systems to prevent or minimise impacts on human health are documented in WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 10

Community engagement

Have you engaged with the community and other third parties regarding this activity?

Yes

Summarise any planned or completed consultation, as well as concerns raised and the approach to address them.

Refer to WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION section 9 - Communications and Engagement Activities.

Additional details

EPA permissions and compliance

Application details

ABN 85 899 617 894

Have you ever held a permission from EPA for this activity at the same location?

No

List the permission numbers for all previously held permissions.

-

Do you currently hold a permission or authorisation from EPA for this activity at the same location?

No

List the permission numbers for all currently held permissions and authorisations.

-

Do you currently hold an exemption for this activity at the same location?

No

List the permission numbers for all currently held exemptions.

-

Detail any engagement with other regulatory authorities, other than EPA, related to this activity.

Nil to date. Monsbent will engage with the local council regarding planning and building permit requirements. Monsbent will investigate if engagement with DELWP is required for this project.

Do you require any other planning permits or other approvals for this activity?

Yes

Application details

ABN 85 899 617 894

Do you currently hold a planning permit or any other approval for this activity?

No

Detail any planning permits or other approval held for this activity.

-

Have you received any notices from EPA related to this location or activity?

No

List the notice numbers for all notices issued by EPA.

-

Other approvals

Do you require a proof of performance (commissioning) testing plan in relation to this activity?

Yes

Summarise the proof of performance testing plan for this activity.

Refer WESP DEVELOPMENT LICENCE APPLICATION – RISK ASSESSMENT & SUPPORTING DOCUMENTATION sections 12 and 13.

Do you require financial assurance for this activity at this location?

No

Summarise the proposed amount and type of financial assurance.

-

Application details

ABN 85 899 617 894

Summarise the profitability of the activity, investment at the site and likelihood of the site being abandoned.

-

Summarise the nature and costs of clean up for the activity.

-

Supporting Evidence

Attachments

- Attachment 1 - Pathways Application 2021-08-16.pdf
- Attachment 2 - Selection of abatement equipment matrix.xlsx
- Attachment 3 - Fujian WESP Technical proposal.pdf
- Attachment 4 - Noise Model including WESP.pdf
- Attachment 5 - WESP & Heat Plant - Plant and Process Description.docx
- Attachment 6 - Emissions Modelling Report R011332.pdf
- Attachment 7 - WESP & Heat Plant Qualitative Risk Assessment.xlsx
- Attachment 8 - Heat Plant Specification.pdf
- credit check.pdf
- F1017 - Fit & Proper Person.pdf
- F1018 - Prohibited Person.pdf
- IGN-00001339.pdf
- infringements_prosecution.pdf
- MONSBENT Development Licence Application and Risk Assessment - WESP & Heat Plant.docx
- prosecution court orders.pdf
- prosecution.pdf
- WESP operating costs.pdf

Declarations

I declare that I have made all necessary enquiries and the information provided in this application (including any attachments) is true and correct. I understand that it is an offence to intentionally or negligently provide incorrect or misleading information to the Environment Protection Authority or to conceal information from the Authority.

I agree

Application details

ABN 85 899 617 894

I declare that I will perform my activity in accordance to the general environment duty.

I agree

I declare that I will perform my activity to ensure that all substances are handled, stored, used or transported in a manner that minimises risks of harm to human health and the environment from pollution and waste.

I agree