

# Environment Protection Licence

Licence - 11229

<b>Licence Details</b>	
Number:	11229
Anniversary Date:	13-August

<b>Licensee</b>
HIGHLAND PINE PRODUCTS PTY LIMITED
LOCKED BAG 8
OBERON NSW 2787

<b>Premises</b>
HIGHLAND PINE PRODUCTS
GATE 3, ALBION STREET
OBERON NSW 2787

<b>Scheduled Activity</b>
Wood or timber milling or processing
Wood preservation

<b>Fee Based Activity</b>	<b>Scale</b>
Wood or timber milling or processing	> 200000 m3 annual processing capacity
Wood preservation	> 30000 m3 annual processing capacity

<b>Region</b>
Central West
L102, 346 PANORAMA AVENUE
BATHURST NSW 2795
Phone: (02) 6333 3800
Fax: (02) 6333 3809
PO Box 1388
BATHURST NSW 2795



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## Information about this licence

### Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

### Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

### Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

### Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

### Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

### Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).

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The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

## Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

## Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

## This licence is issued to:

<b>HIGHLAND PINE PRODUCTS PTY LIMITED</b>
<b>LOCKED BAG 8</b>
<b>OBERON NSW 2787</b>

subject to the conditions which follow.

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## 1 Administrative Conditions

### A1 What the licence authorises and regulates

A1.1 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Wood or timber milling or processing	Wood or timber milling or processing	> 200000 m3 annual processing capacity
Wood preservation	Wood preservation	> 30000 m3 annual processing capacity

### A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
HIGHLAND PINE PRODUCTS
GATE 3, ALBION STREET
OBERON
NSW 2787
LOT 86 DP 574012, LOT 10 DP 1017456, LOT 1 DP 1047220

### A3 Information supplied to the EPA

A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

In this condition the reference to "the licence application" includes a reference to:

- a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

A3.2 Notwithstanding condition A3.1, works and activities carried out by the licensee for the Bifenthrin treatment plant must be carried out in accordance with;

- a) Licence variation form dated 17 March 2010 and supporting documentation.
- b) The requirements of Australian/New Zealand Standard, timber preservation plant safety code, Part 1:

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Plant design – AS/NZS 2843.1:2000.

c) The requirements of Australian/New Zealand Standard, timber preservation plant safety code, Part 2: Plant operation – AS/NZS 2843.2:2000.

## 2 Discharges to Air and Water and Applications to Land

### P1 Location of monitoring/discharge points and areas

P1.1 The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.

<i>Air</i>			
EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Discharge to Air; Air emissions monitoring	Discharge to Air; Air emissions monitoring	Point 7, sawmill heat plant stack from sawmill site air emission plan 21/6/00.
2	Dust monitoring		Dust gauge located at the premise boundary, labelled as "6" in the map titled "Dust, surface water and groundwater monitoring network" within the 2002 AEMR, submitted to the DEC on 27 November 2003.
3	Dust monitoring		Dust gauge located at the premise boundary, labelled as "7" in the map titled "Dust, surface water and groundwater monitoring network" within the 2002 AEMR, submitted to the DEC on 27 November 2003.
4	Dust monitoring		Dust gauge located at the premise boundary, labelled as "8" in the map titled "Dust, surface water and groundwater monitoring network" within the 2002 AEMR, submitted to the DEC on 27 November 2003.
7	Air Emission - Wood preservation	Air Emission - Wood preservation	Air emission point from bifenthrin treatment plant labelled as point No.23 on drawing titled HPP39702 termite repellent project emission point layout dated 5/3/2010 submitted to EPA on 17/3/2010.
8	Air emission - Wood preservation	Air emission - Wood preservation	Air emission point from bifenthrin treatment plant labelled as point No.24 on drawing titled HPP39702 termite repellent project emission point layout dated 5/3/2010 submitted to EPA on 17/3/2010.
9	Weather monitoring		All weather station located within fenced compound within paddock approximately 100 m due south of premises car park.

P1.2 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

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## Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
5	Groundwater quality monitoring		Groundwater monitoring well located on the South-west corner of the premises referred to as "GW monitoring well 1" marked on fax from HPP dated 22 January 2004.
6	Groundwater quality monitoring		Groundwater monitoring well located on the South-west corner of the premises referred to as "GW monitoring well 3" marked on fax from HPP dated 22 January 2004.

## 3 Limit Conditions

### L1 Pollution of waters

- L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.
- L1.2 In accordance with the integrated water management system provisions of the Shared Services agreement that exists between the licensee and the holder of environment protection licence 3035, the licensee may discharge all stormwater and wastewater generated from the premises untreated to the adjoining licensed premises 3035 for treatment.
- L1.3 The licensee must advise the EPA of any changes to the integrated water management system provisions of the Shared Services agreement that exists between the licensee and the holder of environment protection licence 3035, at the time the agreement is changed including termination of the agreement.

### L2 Concentration limits

- L2.1 For each monitoring/discharge point or utilisation area specified in the table below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.
- L2.2 Air Concentration Limits

#### POINT 1

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
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Total Solid Particles	milligrams per cubic metre	250
Nitrogen Oxides	milligrams per cubic metre	2500

## L3 Waste

L3.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below.

Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled "Activity" in the table below.

Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below.

This condition does not limit any other conditions in this licence.

Code	Waste	Description	Activity	Other Limits
NA	General or Specific exempted waste	Waste that meets all the requirements of a resource recovery order and exemption under the Protection of the Environment Operations (Waste) Regulation, as in-force from time to time	As specified in each particular resource recovery exemption	NA

## L4 Noise limits

L4.1 Noise from the premises must not exceed:

- 55 dB(A)  $L_{Aeq}(15 \text{ minute})$  during the day (7am to 6pm); and
- 50 dB(A)  $L_{Aeq}(15 \text{ minute})$  during the evening (6pm to 10pm); and
- at all other times 50 dB(A)  $L_{Aeq}(15 \text{ minute})$ , except as expressly provided by this licence.

Where  $L_{Aeq}$  means the equivalent continuous noise level – the level of noise equivalent to the energy-average of noise levels occurring over a measurement period.

L4.2 To determine compliance with condition L4.1 noise must be measured at, or computed for, at "Oorong" or an other noise sensitive location (such as a residence/school) along Herbourne or West Cunynghame Street, Oberon. A modifying factor correction must be applied for tonal, impulsive or intermittent noise in accordance with the "Environmental Noise Management - NSW Industrial Noise Policy (January 2000)".

L4.3 The noise emission limits identified in this licence apply under all meteorological conditions except:

- during rain and wind speeds (at 10m height) greater than 3m/s; and
- under "non-significant weather conditions".

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Note Field meteorological indicators for non-significant weather conditions are described in the NSW Industrial Noise Policy, Chapter 5 and Appendix E in relation to wind and temperature inversions.

- L4.4 The noise limits in the above table do not apply where the licensee and an affected resident have reached a negotiated agreement in regard to noise.

## 4 Operating Conditions

### O1 Activities must be carried out in a competent manner

- O1.1 Licensed activities must be carried out in a competent manner.

This includes:

- a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
- b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

### O2 Maintenance of plant and equipment

- O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:

- a) must be maintained in a proper and efficient condition; and
- b) must be operated in a proper and efficient manner.

### O3 Dust

- O3.1 All operations and activities occurring at the premises must be carried out in a manner that will minimise the emission of dust from the premises.

- O3.2 Trucks entering and leaving the premises that are carrying loads of material likely to blow off must be covered at all times, except during loading and unloading.

### O4 Emergency response

- O4.1 Within 3 months of the date of the issue of this licence, the licensee must develop, or update, an emergency response plan which documents the procedures to deal with all types of incidents (e.g. spill, explosions or fire) that may occur at the premises or outside of the premises (e.g. during transfer) which are likely to cause harm to the environment.

### O5 Processes and management

- O5.1 The bifenthrin treatment facility must be operated in accordance with the requirements of Australian/New Zealand Standard, Timber preservation plant safety code, Part 1: Plant design – AS/NZS 2843.1:2000,

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and Australian/New Zealand Standard, Timber preservation plant safety code, Part 2: Plant operation – AS/NZS 2843.2:2000, except as expressly provided by a condition of this licence.

## 5 Monitoring and Recording Conditions

### M1 Monitoring records

M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.

M1.2 All records required to be kept by this licence must be:

- in a legible form, or in a form that can readily be reduced to a legible form;
- kept for at least 4 years after the monitoring or event to which they relate took place; and
- produced in a legible form to any authorised officer of the EPA who asks to see them.

M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:

- the date(s) on which the sample was taken;
- the time(s) at which the sample was collected;
- the point at which the sample was taken; and
- the name of the person who collected the sample.

### M2 Requirement to monitor concentration of pollutants discharged

M2.1 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:

M2.2 Air Monitoring Requirements

#### POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
Carbon dioxide	percent	Yearly	TM-24
Carbon monoxide	milligrams per cubic metre	Yearly	Other Approved Method 1
Dry gas density	kilograms per cubic metre	Yearly	TM-23
Moisture	percent	Yearly	TM-22
Nitrogen Oxides	milligrams per cubic metre	Yearly	TM-11
Opacity	percent Opacity	Continuous	CEM-1
Temperature	degrees Celsius	Yearly	TM-2
Total Solid Particles	milligrams per cubic metre	Yearly	TM-15

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Velocity	metres per second	Yearly	TM-2
Volumetric flowrate	cubic metres per second	Yearly	TM-2

**POINT 2**

Pollutant	Units of measure	Frequency	Sampling Method
Particulates - Deposited Matter	grams per square metre per month	Monthly	AM-19

**POINT 3**

Pollutant	Units of measure	Frequency	Sampling Method
Particulates - Deposited Matter	grams per square metre per month	Monthly	AM-19

**POINT 4**

Pollutant	Units of measure	Frequency	Sampling Method
Particulates - Deposited Matter	grams per square metre per month	Monthly	AM-19

**M2.3 Water and/ or Land Monitoring Requirements****POINT 5**

Pollutant	Units of measure	Frequency	Sampling Method
Biochemical oxygen demand	milligrams per litre	Every 6 months	Grab sample
Conductivity	microsiemens per centimetre	Every 6 months	Grab sample
Depth	metres	Every 6 months	In situ
Nitrate	milligrams per litre	Every 6 months	Grab sample
pH	pH	Every 6 months	Grab sample
Total dissolved solids	milligrams per litre	Every 6 months	Grab sample
Total organic carbon	milligrams per litre	Every 6 months	Grab sample

**POINT 6**

Pollutant	Units of measure	Frequency	Sampling Method
Biochemical oxygen demand	milligrams per litre	Every 6 months	Grab sample

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Conductivity	microsiemens per centimetre	Every 6 months	Grab sample
Depth	metres	Every 6 months	In situ
Nitrate	milligrams per litre	Every 6 months	Grab sample
pH	pH	Every 6 months	Grab sample
Total dissolved solids	milligrams per litre	Every 6 months	Grab sample
Total organic carbon	milligrams per litre	Every 6 months	Grab sample

Note: Special Method 1 means assessing and recording the opacity of emissions using Ringelmann Chart.

## M3 Testing methods - concentration limits

M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:

- any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
- if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or
- if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2010* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

M3.2 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

## M4 Weather monitoring

M4.1 For each monitoring point specified in the table below the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1. The licensee must use the sampling method, units of measure, averaging period and sample at the frequency, specified opposite in the other columns.

### Point 9

Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method
Air temperature	°C	Continuous	1 hour	AM-4

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Wind direction	°	Continuous	15 minute	AM-2 & AM-4
Wind speed	m/s	Continuous	15 minute	AM-2 & AM-4
Sigma theta	°	Continuous	15 minute	AM-2 & AM-4
Rainfall	mm	Continuous	24 hour	AM-4

## M5 Recording of pollution complaints

- M5.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.
- M5.2 The record must include details of the following:
- the date and time of the complaint;
  - the method by which the complaint was made;
  - any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
  - the nature of the complaint;
  - the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
  - if no action was taken by the licensee, the reasons why no action was taken.
- M5.3 The record of a complaint must be kept for at least 4 years after the complaint was made.
- M5.4 The record must be produced to any authorised officer of the EPA who asks to see them.

## M6 Telephone complaints line

- M6.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.
- M6.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.
- M6.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

## M7 Other monitoring and recording conditions

- M7.1 Noise monitoring to determine compliance with condition L4 must be carried out at least once annually during the day, evening, and night time hours specified by condition L4.1 at the locations specified under condition L4.2. The noise monitoring must be undertaken in accordance with Australian Standard AS 2659.1 (1998) Guide to use of sound measuring equipment - portable sound level meters, and the compliance monitoring guidance provided in the NSW Industrial Noise Policy.

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## 6 Reporting Conditions

### R1 Annual return documents

R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:

1. a Statement of Compliance,
2. a Monitoring and Complaints Summary,
3. a Statement of Compliance - Licence Conditions,
4. a Statement of Compliance - Load based Fee,
5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

R1.3 Where this licence is transferred from the licensee to a new licensee:

- a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
- b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:

- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
- b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect *EPA* or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

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- a) the licence holder; or
- b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

## **R2 Notification of environmental harm**

R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.

## **R3 Written report**

R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:

- a) where this licence applies to premises, an event has occurred at the premises; or
- b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.

R3.3 The request may require a report which includes any or all of the following information:

- a) the cause, time and duration of the event;
- b) the type, volume and concentration of every pollutant discharged as a result of the event;
- c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
- d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
- e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
- f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
- g) any other relevant matters.

R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

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## 7 General Conditions

### G1 Copy of licence kept at the premises or plant

- G1.1 A copy of this licence must be kept at the premises to which the licence applies.
- G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.
- G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

## 8 Pollution Studies and Reduction Programs

### U1 Long Term Noise Reduction - Implement short term options

U1.1

The licensee must by 30 December 2017 report on actions identified under the short term options (1-2 years) of Table 1. The report must include, but not necessarily limited to:

- details of noise reduction works undertaken as per Table 1: HPP Noise Assessment. Short term and long term options for attenuation by location (Table 1 30Jun13).
- details of noise reduction(s) achieved from various sources (locations) within the premises.
- details of noise monitored outside the premises in accordance with monitoring at identified licence noise monitoring locations.
- any changes to options for attenuation under Table 1 in the short term, as well as,
- any changes proposed to options of attenuation under Table 1 in the mid to long term.

### U2 Long Term Noise Reduction - Implement mid term options

U2.1 The licensee must by 30 December 2020 report on actions identified under the short to mid-term options (1-6 years) of Table 1. The report must include, but not necessarily limited to:

- details of noise reduction works undertaken as per Table 1: HPP Noise Assessment. Short term and long term options for attenuation by location (Table 1 30Jun13), or any subsequent revision from short term reporting.
- details of noise reduction(s) achieved from various sources (locations) within the premises.
- details of noise monitored outside the premises in accordance with monitoring at identified licence noise monitoring locations.
- any changes to options for attenuation under Table 1 in the mid term, as well as,
- any changes proposed to options of attenuation under Table 1 in the long term.

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## U3 Long Term Noise Reduction - Implement long term options

U3.1 The licensee must by 30 November 2023 report on completion of the long term noise attenuation actions (1-9 years) of Table 1. The report must include, but not necessarily limited to:

- details of noise reduction works undertaken as per Table 1: HPP Noise Assessment. Short term and long term options for attenuation by location (Table 1. 30Jun13), or any subsequent revision from mid-term reporting.
- details of noise reduction(s) achieved from various sources (locations) within the premises.
- details of noise monitored outside the premises in accordance with monitoring at identified licence noise monitoring locations.
- any changes proposed to options of attenuation to ensure noise emissions from premises can comply with 45 dB(A) LAeq (15 minute) noise limit by 30 December 2023.

By 30 December 2023, the licence must achieve a 5 dB(A) noise reduction from the premises as after 1 January 2024 the EPA will be amending the night time noise limit of licence 11229 by 5 dB(A) to 45 dB(A) LAeq (15 minute).

### Background to Long Term Noise Reduction Program

Note: Consistent with developing a long term continuous noise improvement program for the Highland Pine Products (HPP) sawmill, the licensee completed and submitted to the EPA the following reports;

- 1) a Survey of Occupational Noise Exposures in Green and Planer Mills (report) by Knox OHS Solutions March 2013 and
- 2) Table 1: HPP Noise assessment. Short term and long term options for attenuation by location (Table 1 30Jun13).

By the above conditions U1 to U3, the EPA requires the licensee to implement a long term noise improvement program for the HPP sawmill to achieve a 5 dB(A) reduction in noise from the premises within 10 years to be able to meet a night time noise limit of 45 dB(A) LA eq (15 minute).

As the improvement program is for 10 years and HPP Noise Assessment (Table 1) represents "potential" attenuation options at the time of preparation, the licensee is not bound to follow the short-mid-long term works identified for each location under Table 1. The licensee should however use Table 1 as a guide to the implementation and reporting of improvement works (what's been achieved at each interval and what's proposed for the next interval), towards achieving an overall 5 dB(A) noise reduction at the end of the 10 year program.

The short-mid-long term approach to noise attenuation in Table 1 is the basis for the 3 Long term Noise Reduction PRP's (conditions U1 to U3). The licensee may however revise Table 1 at any time provided the revised Table 1 with a date of revision and revision number is provided to the EPA.

## 9 Special Conditions

### E1 Ongoing Noise Reduction

E1.1 The licensee must ensure that any ongoing maintenance, modification, upgrading or replacement of plant and equipment operated at the premises demonstrates consideration of ongoing noise reduction. To

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achieve this, the licensee must record all plant and equipment modifications or replacements undertaken and the noise reduction achieved as a result of the plant maintenance or replacement. The licensee must report on (provide results) all plant maintenance and replacement and associated noise reduction, as well as results of noise monitoring required under condition M7.1, in a report to be provided to the EPA within three months of the conclusion of each reporting period for the premises.

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## Dictionary

### General Dictionary

<b>3DGM [in relation to a concentration limit]</b>	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
<b>Act</b>	Means the Protection of the Environment Operations Act 1997
<b>activity</b>	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
<b>actual load</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>AM</b>	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
<b>AMG</b>	Australian Map Grid
<b>anniversary date</b>	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
<b>annual return</b>	Is defined in R1.1
<b>Approved Methods Publication</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>assessable pollutants</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>BOD</b>	Means biochemical oxygen demand
<b>CEM</b>	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
<b>COD</b>	Means chemical oxygen demand
<b>composite sample</b>	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
<b>cond.</b>	Means conductivity
<b>environment</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>environment protection legislation</b>	Has the same meaning as in the Protection of the Environment Administration Act 1991
<b>EPA</b>	Means Environment Protection Authority of New South Wales.
<b>fee-based activity classification</b>	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
<b>general solid waste (non-putrescible)</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

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<b>flow weighted composite sample</b>	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
<b>general solid waste (putrescible)</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>grab sample</b>	Means a single sample taken at a point at a single time
<b>hazardous waste</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>licensee</b>	Means the licence holder described at the front of this licence
<b>load calculation protocol</b>	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
<b>local authority</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>material harm</b>	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
<b>MBAS</b>	Means methylene blue active substances
<b>Minister</b>	Means the Minister administering the Protection of the Environment Operations Act 1997
<b>mobile plant</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>motor vehicle</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>O&amp;G</b>	Means oil and grease
<b>percentile [in relation to a concentration limit of a sample]</b>	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
<b>plant</b>	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
<b>pollution of waters [or water pollution]</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>premises</b>	Means the premises described in condition A2.1
<b>public authority</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>regional office</b>	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
<b>reporting period</b>	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
<b>restricted solid waste</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>scheduled activity</b>	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
<b>special waste</b>	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
<b>TM</b>	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .

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<b>TSP</b>	Means total suspended particles
<b>TSS</b>	Means total suspended solids
<b>Type 1 substance</b>	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
<b>Type 2 substance</b>	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
<b>utilisation area</b>	Means any area shown as a utilisation area on a map submitted with the application for this licence
<b>waste</b>	Has the same meaning as in the Protection of the Environment Operations Act 1997
<b>waste type</b>	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non - putrescible), special waste or hazardous waste

Mr Darryl Clift

Environment Protection Authority

(By Delegation)

Date of this edition: 13-August-2001

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## End Notes

- 1 Licence transferred through application 140715, approved on 28-Aug-2001, which came into effect on 28-Aug-2001.
- 2 Licence varied by notice 1015795, issued on 19-Apr-2002, which came into effect on 14-May-2002.
- 3 Licence varied by notice 1031224, issued on 20-Sep-2004, which came into effect on 15-Oct-2004.
- 4 Licence varied by notice 1050871, issued on 08-Sep-2005, which came into effect on 03-Oct-2005.
- 5 Licence varied by notice 1068743, issued on 15-Jan-2007, which came into effect on 15-Jan-2007.
- 6 Licence varied by notice 1074663, issued on 29-Apr-2008, which came into effect on 29-Apr-2008.
- 7 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 8 Licence varied by notice 1112186, issued on 15-Apr-2010, which came into effect on 15-Apr-2010.
- 9 Licence varied by notice 1504742 issued on 26-Mar-2012
- 10 Licence varied by notice 1510007 issued on 08-Jan-2013
- 11 Licence varied by notice 1521066 issued on 01-Sep-2014
- 12 Licence varied by notice 1542425 issued on 19-Jul-2016
- 13 Licence varied by notice 1554004 issued on 03-Aug-2017
- 14 Licence varied by notice 1567059 issued on 13-Jul-2018
- 15 Licence varied by notice 1567184 issued on 20-Jul-2018
- 16 Licence varied by notice 1572581 issued on 19-Nov-2018