

# Environment Protection Licence



Licence - 12413

## Licence Details

Number:	12413
Anniversary Date:	09-January

## Licensee

TRANSPORT FOR NEW SOUTH WALES

LOCKED BAG 6501

ST LEONARDS NSW 2065

## Premises

RAIL CONSTRUCTION PREMISES

LOCKED BAG 6501

ST LEONARDS NSW 2065

## Scheduled Activity

Railway Systems Activities

## Fee Based Activity

## Scale

Railway systems activities

Any annual capacity

## Region

Metropolitan Infrastructure

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PARRAMATTA NSW 2150

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NSW 2124

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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>TRANSPORT FOR NEW SOUTH WALES</b>
<b>LOCKED BAG 6501</b>
<b>ST LEONARDS NSW 2065</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 development work listed below at the premises listed in A2:

Works undertaken on the premises to enable 'Railway Systems Activities' to be carried out.

A1.2 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
Railway Systems Activities	Railway systems activities	Any annual capacity

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

A2.1 The licence applies to the following premises:

Premises Details
RAIL CONSTRUCTION PREMISES
LOCKED BAG 6501
ST LEONARDS
NSW 2065
SEE CONDITIONS A2.3 TO A2.5 FOR THE FULL DESCRIPTION OF THE LICENSED PREMISES

A2.2 The premises is defined on the plans listed in conditions A2.3 to A2.5 inclusive.

#### A2.3 Glenfield Junction Alliance Precinct

The premises is defined on the following plans:

- The areas defined by red and blue hatching on drawing number SWRL-GJA-SKH-GN00-1001, revision T dated 21/02/14
- The areas defined by red and blue hatching on drawing number SWRL-GJA-SKH-GN00-1002, revision S dated 29/10/13
- The areas defined by red and blue hatching on drawing number SWRL-GJA-SKH-GN00-1003, revision S dated 29/10/13
- The areas defined by red and blue hatching on drawing number SWRL-GJA-SKH-GN00-1004, revision S dated 29/10/13
- The areas defined by red and blue hatching on drawing number SWRL-GJA-SKH-GN00-1005, revision S dated 29/10/13

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f) The areas defined by red and blue hatching on drawing number SWRL-GJA-SKH-GN00-1006, revision S dated 29/10/2013.

## 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.

## 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 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.
- P1.2 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.

#### *Water and land*

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Discharge Water Quality	Discharge Water Quality	GJA site compound sediment basin (property off corner of Glenfield Road and Roy Watts Road)

- P1.3 For the purposes of this licence the discharge points referred to in Condition P1.1 are those identified in the premises drawings specified in Condition A2.2.
- P1.4 The licensee must provide the EPA with a revised copy of the document referred to in Condition P1.3 prior to any addition, removal or change to the discharge points referred to in Condition P1.1.

Note: *The conditions P1.1, P1.2, P1.3, and P1.4 are applicable to the Glenfield Junction Alliance precinct only.*

## 3 Limit Conditions

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## 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.

## 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 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.

L2.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table.

L2.4 Water and/or Land Concentration Limits

### POINT 1

Pollutant	Units of Measure	50 Percentile concentration limit	90 Percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	Visible				Visible
pH	pH				6.5 - 8.5
Total suspended solids	milligrams per litre				50

L2.5 Exceedance of the limits specified in Condition L2.4 of this licence for pH and Total Suspended Solids for discharges from the discharge points identified in Condition P1 is permitted when the discharge occurs solely as a result of rainfall measured at the premises exceeding the design capacity of the relevant sediment basin in accordance with the basin capacity recommendations in the guideline *Managing Urban Stormwater - Soils and Construction, Volume 1, 4th Edition, 2004*, produced by the NSW Department of Housing.

L2.6 If the licensee uses turbidity (NTU) in place of total suspended solids (TSS), the licensee must develop a relationship between NTU and TSS for water quality in the sediment basins in order to determine the NTU equivalent of 50 mg/L TSS. The licensee must develop and implement a method to enable the ongoing verification of the relationship between NTU and TSS.



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## L3 Noise limits

- L3.1 All works and activities occurring on the premises must be carried out in a manner that will minimise the emission of noise from the premises.
- L3.2 The licensee must ensure that all feasible and reasonable noise and vibration mitigation and management measures are implemented during construction work authorised by this licence, in accordance with the Interim Construction Noise Guideline (OEH, 2009).

## L4 Hours of operation

- L4.1 All works and activities occurring on the premises must only be carried out between the hours of:
  - a) 7:00am to 6:00pm Monday to Friday;
  - b) 8:00am to 1:00pm Saturday; and
  - c) at no time on Sundays and Public Holidays.

except as expressly permitted by other conditions of this licence.

Note: *It is the EPA's preference that all works and activities be completed during the above hours. Where this is not possible due to safety or road and rail network operational reliability issues, works should be scheduled in the following order of preference - Saturday afternoon, Sunday, Public Holidays, week day evenings (6:00 pm to 10:00 pm) and then night times (10:00 pm to 7:00 am weekdays and 10:00 pm to 8:00 am Saturday, Sunday and Public Holidays).*

- L4.2 The following activities and scheduled development work may be carried out outside of the hours permitted by Condition L4.1:

- a) construction work that causes:

- (i) LAeq(15minute) noise levels that are no more than 5 dB above rating background level at any residence in accordance with the Interim Construction Noise Guideline (OEH, 2009); and

- (ii) LAeq(15minute) noise levels that are no more than the noise management levels specified in Table 3 of the Interim Construction Noise Guideline (OEH, 2009) at other sensitive land uses; and

- (iii) LA<sub>1</sub>(1min) noise levels that are no more than 15dB above the rating background level at any residential property or noise sensitive receivers during the night.

- b) the delivery of plant, equipment and materials which is required to be delivered outside of the hours permitted by Condition L4.1 by Police and/or the Roads and Traffic Authority for safety reasons.

- c) Rail maintenance works including tamping and regulating to remediate vertical or horizontal movement >4 mm in track geometry that has occurred as a direct result of works being undertaken for the project.

- d) emergency work to ensure the safe operation of rail, avoid loss of life, damage to property or environmental harm. The licensee must-

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(i) on becoming aware of the need to undertake emergency work, notify the Environment Protection Authority Environment Line on 131 555, and

(ii) the next working day following the emergency work, submit a detailed report to the EPA's Manager Metropolitan Infrastructure of-

(1) the circumstances leading to the emergency;

(2) the nature and scope of the work undertaken to alleviate the emergency; and

(3) the practicable measures adopted to prevent a similar incident.

**L4.3 High noise impact works and activities occurring on the premises must only be undertaken:**

a) between the hours of 8:00 am to 6:00 pm Monday to Friday;

b) between the hours of 8:00 am to 1:00 pm Saturday; and

c) in continuous blocks not exceeding 3 hours each with a minimum respite from those activities and works of not less than 1 hour between each block.

except as expressly permitted by Conditions L4.4, L4.5 or L4.6 of this licence.

For the purposes of this condition 'continuous' includes any period during which there is less than a 1 hour respite between ceasing and recommencing any of the work the subject of this condition.

**L4.4 Works Approved Outside of Standard Construction Hours**

## **Local Possessions**

a) works and activities may be undertaken during any local possession but only if:

(i) carrying on those works and activities during the hours specified in Condition L4.1 would cause unacceptable risks to:

(1) construction personnel safety,

(2) rail passenger and railways personnel safety, or

(3) railway network operational reliability as may be notified to the licensee from time to time by RailCorp,

(ii) the licensee complies with the requirements of Condition E1.

b) high noise impact works and activities (excluding rail adjustment, tamping and regulating) may be undertaken during any local possession permissible by Condition L4.4 a) as follows:

(i) between the hours of 8:00 am to 6:00 pm on any day subject to:

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(1) the works and activities being undertaken in continuous blocks not exceeding 3 hours each with a minimum respite from those works and activities of not less than one hour between each block.

For the purposes of this condition 'continuous' includes any period during which there is less than a 1 hour respite between ceasing and recommencing any of the works or activities the subject of this condition.

(2) between the hours of 6:00 am and 8:00 am and 6:00 pm and 10:00 pm on any day where necessary for the safe recommissioning of rail operations during a local possession.

(c) Rail adjustment, tamping and regulating may be undertaken at any time during a local possession permissible by Condition L4.4 a).

## L4.5 Works Approved Outside of Standard Construction Hours

### Weekends (independent of possessions)

a) activities and works may be undertaken during the approved hours in Condition L4.1, L4.2 and L4.3, except on public holidays, and also between the hours of –

(i) 1.00 pm and 6.00pm on Saturdays, and

(ii) 8.00 am and 6.00 pm on Sundays

But only if:

(1) carrying on those works and activities during the hours specified in Condition L4.1 would cause unacceptable risks to:

(a) construction personnel safety,

(b) road user and public safety,

(c) road network operational performance as may be notified from time to time by the Roads and Traffic Authority, or

(d) essential utility services; or

(2) the Roads and Traffic Authority's Traffic Management Centre (or other road authority) refuse to issue a road occupancy licence for those activities or works during any weekday; and

(3) the licensee complies with the requirements of Condition E1.

## L4.6 Works Approved Outside of Standard Construction Hours

### Weekday evenings and nights (independent of possessions)

a) works and activities may be undertaken, except on public holidays, between the hours of:

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- (i) 6:00 pm and 7:00 am the following day on Mondays, Tuesdays, Wednesdays and Thursdays;
- (ii) 6:00 pm and 8:00 am the following day on Fridays; and
- (iii) 6:00pm Sunday and 7:00am Monday for the purpose of traffic management works.

But only if-

(1) carrying on those works and activities during the hours specified in Condition L4.1 would cause unacceptable risks to –

- (a) construction personnel safety,
- (b) road user and public safety,
- (c) road network operational performance as may be notified from time to time by the Roads and Traffic Authority, or
- (d) essential utility services; or

(2) the Roads and Traffic Authority's Traffic Management Centre (or other road authority) refuse to issue a road occupancy licence for those activities or works during the day; and

(3) the licensee complies with the requirements of Condition E1;

(4) the works and activities are not being undertaken on more nights during any single week, within the same noise catchment of any noise sensitive receiver, than the maximum number of nights of work during any single week for the noise limit shown in Table L4.6.

In determining the maximum number of nights of work during any single week, the licensee must:

- (a) apply the calculated predicted noise level to Table L4.6 to determine which noise limit and thus, the maximum number of nights of work per week permitted by this condition; and
- (b) explicitly state in the assessment report whether there are any particularly annoying activities as listed on page 16 of the *Interim Construction Noise Guideline* (OEH, 2009) and what corrections were applied to the predicted levels where particularly annoying activities were identified;
- (5) the works and activities are not being undertaken within the same local noise catchment of any noise sensitive receiver on the two nights directly prior to and two nights directly following any night works undertaken under Condition L4.4; and
- (6) the licensee implements the mitigation measures outlined in the assessments undertaken in accordance with this condition.

Table L4.6 - Maximum nights of work during any single week within the same noise catchment

Noise Limit Expressed as LAeq (15 Min)	Maximum nights of work during any week	Maximum nights of consecutive work during any week
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Rating Background Level plus =20 dBA	3	2
Rating Background Level plus =30 dBA	2	2

## Additional works approved by the EPA

- L4.7 Joint welding activities and associated works that are permitted by condition L4.6 may be undertaken on consecutive weekday nights within the same noise catchment from 2-5 September 2014 and (contingency only) 15-19 September 2014.

## 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 works and activities occurring at the premises must be carried out in a manner that will minimise the emission of dust from the premises.

### O4 Processes and management

#### O4.1 Community Interaction

The licensee must inform the community impacted by the project of upcoming construction works, including works being undertaken outside of the standard construction hours specified by Condition L4.1 and L4.2.

- O4.2 The requirements of Condition O4.1 for the Glenfield Junction Alliance Precinct must be met by provision of monthly updates distributed via letter box drops to local residents and community stakeholders.

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- O4.3 In addition to Condition O4.2, additional notification of local residents and community stakeholders must be made on an issue-specific basis for key construction activities and out of hours works.
- O4.4 The information provided to the community in monthly updates and additional notification in accordance with Conditions O4.2 and O4.3 must include:
- a) explicit notice of any upcoming construction works;
  - b) an outline of the timing, nature and scope of the activities and works proposed to be undertaken out of the hours specified in Condition L4.1;
  - c) an outline of the predicted impacts of the works and activities, especially any predicted noise and vibration impacts, on noise sensitive receivers;
  - d) an outline of the measures to be adopted to mitigate any predicted impacts; and
  - e) an explicit invitation to community members to comment or ask questions about the works and related matters.
- O4.5 The licensee must take any issues raised by the community into consideration when determining the final scheduling of the works in the Glenfield Junction Alliance Precinct.

Note: *It is acknowledged that the full details of the construction activity may not be known at the time of the monthly update. However, in accordance with Condition E1.3 detailed and targeted community notification should be undertaken not less than 5 days and not more than 14 days before any out of hours works are undertaken.*

Note: *Conditions O4.2 to O4.5 are applicable to the Glenfield Junction Alliance precinct only.*

## O5 Other operating conditions

### O5.1 Sediment and Erosion Control

The drainage from all areas that will mobilise suspended solids when stormwater runs over these areas must be controlled and diverted through appropriate erosion and sediment control measures.

- O5.2 The licensee must minimise the area of exposed soil during construction that is able to generate suspended material when water runs over it.
- O5.3
- a) Prior to undertaking any construction work (including earthmoving or vegetation removal works), all sediment and erosion controls required to prevent pollution of waters must be implemented.
  - b) All sediment and erosion control measures installed on the premises must be inspected and works undertaken to repair and/ or maintain these controls. A record must be made of all such inspections including observations and any works undertaken to repair and/ or maintain erosion and sediment controls.

### O5.4 Sediment Basins

Sediment basins required for the Glenfield Junction Alliance precinct must be installed and commissioned

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prior to the commencement of any works within the catchment area of the sediment basin that may cause sediment to leave the site.

- O5.5 Any sediment basins required for the Glenfield Junction Alliance Precinct must be designed (stability, location, type and size), constructed, operated and maintained as Type F or D sediment basins in accordance with the best management principles and practices described in the guideline *Managing Urban Stormwater – Soils and Construction, Volume 1, 4th Edition, 2004* produced by the NSW Department of Housing.
- O5.6 The licensee must adopt at least the 80th percentile (5 Day) Rainfall Depth (mm) value for Liverpool specified in the “Table 6.3a – 75th, 80th, 90th and 95th Percentile 2 and 5 Day Rainfall Depths for 59 Sites in NSW” of the guideline *Managing Urban Stormwater – Soils and Construction, Volume 1, 4th edition, 2004* when designing sediment basins for the Glenfield Junction Alliance premises.
- O5.7 The licensee must ensure the design storage capacity of each sediment basin installed on the Glenfield Junction Alliance premises is returned after the cessation of a rainfall event within the timeframes specified as appropriate for that sediment basin in accordance with the basin capacity recommendations in the guideline *Managing Urban Stormwater - Soils and Construction, volume 1, 4th Edition, 2004* produced by the NSW Department of Housing.
- O5.8 The licensee must ensure that sampling point(s) for water discharged from any sediment basin(s) are provided and maintained in an appropriate condition to permit:
- a) the clear identification of each sediment basin and discharge point;
  - b) the easy collection of samples;
  - c) the collection of representative samples of the water discharged from the sediment basin(s); and
  - d) access to the sampling point(s) at all times by an Authorised Officer of the EPA.
- O5.9 Environmental Induction Training
- The licensee must ensure that before any works or activities are undertaken all personnel involved in undertaking those works and activities receive environmental induction training that:
- a) clearly identifies the location of all noise sensitive receivers likely to be affected by noise or vibration generated during the course of those works and activities; and
  - b) highlights the licence requirements to minimise noise and vibration impacts on noise sensitive receivers.

## 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.

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

- a) in a legible form, or in a form that can readily be reduced to a legible form;
- b) kept for at least 4 years after the monitoring or event to which they relate took place; and
- c) 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:

- a) the date(s) on which the sample was taken;
- b) the time(s) at which the sample was collected;
- c) the point at which the sample was taken; and
- d) 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 Water and/ or Land Monitoring Requirements

### POINT 1

Pollutant	Units of measure	Frequency	Sampling Method
Oil and Grease	Visible	Special Frequency 1	Visual Inspection
pH	pH	Special Frequency 1	Probe
Total suspended solids	milligrams per litre	Special Frequency 1	Grab sample

M2.3 Special Frequency 1 means:

- a) <24 hours prior to a controlled discharge and daily for any continued controlled discharge; or
- b) when rainfall causes a discharge from a basin where the design storage capacity has not been returned within the timeframe required by Condition O5.7.

## M3 Testing methods - concentration limits

M3.1 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.



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## **M4 Recording of pollution complaints**

- M4.1 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.
- M4.2 The record must include details of the following:
- a) the date and time of the complaint;
  - b) the method by which the complaint was made;
  - c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
  - d) the nature of the complaint;
  - e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
  - f) if no action was taken by the licensee, the reasons why no action was taken.
- M4.3 The record of a complaint must be kept for at least 4 years after the complaint was made.
- M4.4 The record must be produced to any authorised officer of the EPA who asks to see them.

## **M5 Telephone complaints line**

- M5.1 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.
- M5.2 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.
- M5.3 The preceding two conditions do not apply until 3 months after:
- a) the date of the issue of this licence or
  - b) if this licence is a replacement licence within the meaning of the Protection of the Environment Operations (Savings and Transitional) Regulation 1998, the date on which a copy of the licence was served on the licensee under clause 10 of that regulation.

## **M6 Other monitoring and recording conditions**

### **M6.1 Requirement to Monitor Noise and Vibration**

a) Noise monitoring must be carried out in accordance with Australian Standard AS 2659.1 – 1998: Guide to the use of sound measuring equipment – Portable sound level meters, or any revisions of that standard which may be made by Standards Australia, and the compliance monitoring guidance provided in the NSW Industrial Noise Policy.

b) Vibration monitoring must be carried out in accordance with the guidance provided in the Environmental Noise Management Assessing Vibration: A Technical Guideline published by the Department of Environment and Conservation, February 2006. All vibration monitoring results must be assessed and reported against the acceptable values of human exposure to vibration set out in Tables

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2.2 and 2.4 in this guideline.

c) The licensee must undertake noise, regenerated noise and vibration monitoring as directed by an authorised officer of the EPA.

## 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:
- a) a Statement of Compliance; and
  - b) a Monitoring and Complaints Summary.
- 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.
- 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.
- 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 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 Statement of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:
- a) the licence holder; or
  - b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

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.

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

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## **R2 Notification of environmental harm**

**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.

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

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.

## **R4 Other reporting conditions**

### **R4.1 Monitoring Report**

The licensee must supply with the Annual Return a report for each reporting period which contains:

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- a) an analysis and interpretation of monitoring results undertaken in compliance with Conditions M2 and M6; and
- b) where an exceedance of any of the criteria specified in Condition L2 occurs, details as to the likely cause of the exceedances and action taken to ameliorate the impacts.

## R4.2 Daily Complaints Reports

- a) The licensee must submit, by 2.00 pm each day, a report to the EPA that provides details of all complaints received in relation to construction activities regulated by the licence on the telephone complaints line required by Condition M5.1.

The report must:

- (i) be submitted to the email address nominated from time to time by the EPA;
  - (ii) include a unique identifier number for each complaint together with the details required by condition M4.2;
  - (iii) include the date and time, reported by the complainant, when the event the subject of the complaint occurred;
  - (iv) include an outline of the work or activity the subject of the complaint;
  - (v) include the complaints received between 12.00 pm on that day and 12.00pm on the previous day; and
  - (v) if the works have been carried out under Conditions L4.4, L4.5 and L4.6, the report must include a copy of any assessments required by these conditions, unless previously provided to EPA, and details of how the requirements of these conditions have been met.
- b) The licensee is not required to submit a report, required by condition R4.2a), for any reporting period during which no complaints have been received.
  - c) The licensee is not required to submit a copy of the relevant assessment report, required to be undertaken by Conditions L4.4, L4.5 and L4.6, if a copy of that assessment report was previously submitted to the EPA.

## R4.3 In response to any noise or vibration complaint, the licensee must:

- a) investigate the complaint within 2 hours or in accordance with any prior agreement with the complainant;
- b) offer to undertake attended noise monitoring at the complainants premises as soon as practical or at a time agreed with the complainant; and
- c) advise the complainant of the results of the investigation and any proposed remedial action.

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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 Special Conditions

### E1 Requirements for Works Permissible under Conditions L4.4, L4.5 and L4.6

#### E1.1 Noise and Vibration Impact Assessment

A noise and vibration impact assessment is required for any works undertaken under Conditions L4.4, L4.5 and L4.6 and must be prepared by an appropriately qualified person experienced in assessing the impacts of noise and vibration from civil engineering works. The assessment must include:

a) details of the nature and scope of each activity and work, including details of times, vehicles, plant and equipment to be used to undertake that activity or work;

b) detailed analysis to justify the scheduling and duration of each activity and work outside the hours specified in Condition L4.1, including taking into account:

(i) the predicted impact on noise sensitive receivers of any activities and works undertaken outside the hours specified in Condition L4.1; and

(ii) the preference that high noise impact works be undertaken during the day;

c) detailed analysis to justify use of the selected construction and work methods, plant and equipment compared to alternatives taking into consideration noise and vibration impacts;

d) a table showing details of the noise and vibration mitigation measures for each activity and work, including respite periods, proposed to be adopted to minimise noise and vibration impacts on surrounding noise sensitive receivers in each locality;

e) a table showing for each activity and work in each noise catchment:

(i) the address of each of the most affected noise sensitive receivers;

(ii) the background noise level for each of the noise sensitive receivers listed in the table;

(iii) noise management levels as described in Section 4 of the *Interim Construction Noise Guideline* (OEH, 2009);

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- (iv) the predicted LAeq (15 min) noise level [incorporating any 5dB correction for particularly annoying activities as listed on page 16 of *Interim Construction Noise Guideline* (OEH, 2009)] ; and
- (v) an assessment of sleep disturbance as set out in Section 4.3 of the *Interim Construction Noise Guideline* (OEH, 2009), where works are planned to extend over more than two consecutive nights;
- f) details of the specific noise mitigation measures to be adopted in respect of any activity or work predicted to generate noise levels at any noise sensitive receiver exceeding the noise affected LAeq (15 min) level of background plus 5 dB outside the standard hours set in Condition L4.1
- g) a diagram showing the location of noise and vibration monitoring locations in relation to each of the most affected noise sensitive receivers for each activity and work in each noise catchment;
- h) The licensee must document the formal assessment required by this condition in a detailed report that includes all maps, calculations and analyses relied upon in making its determination of:
  - (i) whether the proposed activity or work may be undertaken pursuant to Conditions L4.4, L4.5 or L4.6;
  - (ii) the scheduling of each proposed activity and work;
  - (iii) the construction methods, plant and equipment used in each activity and work;
  - (iv) the noise and vibration impact mitigation measures adopted for each activity and work; and
  - (v) the location of each noise and vibration monitoring location.

## E1.2 Noise and Vibration Monitoring

When the licensee undertakes works or activities or simultaneous combination of works or activities in accordance with Condition E1.1, the licensee must:

- a) undertake attended noise and vibration monitoring at representative stages of the activity or work to confirm whether the noise and vibration predictions in its noise and vibration assessment were accurate;
- b) review the work or activity or combination of simultaneous works or activities as soon as practicable following the events referred to in (i) and (ii) below and where possible, modify the work or activity to prevent any recurrence of these events:
  - (i) noise monitoring referred to in (a) indicates that the activity, work or combination of simultaneous activities or works has caused or is causing noise or vibration levels higher than the predicted levels at any noise sensitive receiver; or
  - (ii) the licensee, its contractors or its agents receive 2 or more complaints about the activity, work or combination of simultaneous activities or works on the telephone complaints line referred to in condition M5.1 or by any other means.

## E1.3 Community Notification of Works Outside of Standard Construction Hours

- a) The licensee must notify the community likely to be affected by works undertaken outside of standard

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construction hours outlined in Condition L4.1 and L4.2 not less than 5 days and not more than 14 days before those works are to be undertaken.

b) The notification must be:

(i) by letterbox drop and/or email to noise sensitive receivers likely to be affected by the proposed works; and

(ii) detailed on the project website

c) The notification required by paragraph (a) and (b) of this condition must:

(i) outline, in plain English free of industry jargon, the location, nature, scope and duration of the proposed works;

(ii) include a diagram showing the location of the proposed works in relation to local roads and landmarks;

(iii) outline the reason that the work is required to be undertaken outside the hours specified in Condition L4.1;

(iv) outline noise mitigation measures, including respite periods for works predicted to generate high noise levels;

(v) detail the expected noise impact of the works on noise sensitive receivers;

(vi) clearly state how complaints may be made and additional information obtained;

(vii) include a 24hr telephone number to make a complaint or request further information as required by condition M5.1 and M5.2;

(viii) include the project website address;

(ix) provide contact details in community languages relevant to the locality; and

(x) include notification of any upcoming community meetings or open forums required to be undertaken by Condition O4.1.

## E1.4 Reporting to EPA

The licensee must submit a copy of any assessment report required to be prepared by Condition E1.1 to the EPA by 5.00pm on the same day it receives a request for that assessment report from an authorised EPA officer.

## E2 Special Dictionary

### E2.1



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Term	Meaning
AS 2659	means Australian Standard AS 2659.1 – 1988 : Guide to the use of sound measuring equipment – Portable sound level meters.
Audible	means able to be aurally perceived by an authorised officer of the EPA.
Contingency night	An additional night of works permitted to be undertaken in lieu of the scheduled time as the works were unable to be undertaken or delayed by at least one hour due to circumstances beyond the control of the licensee, for example due to inclement weather or equipment failure.
Day	the period from 0700 and 1800 h (Monday to Saturday) and 0800 to 1800 h (Sundays and Public Holidays) as per the definition in the New South Wales Government's Industrial Noise Policy.
Dust	means insoluble solids as defined in AS3580.10.1-1991.
Evening	The period from 1800 to 2200 h as per the definition in the New South Wales Government's Industrial Noise Policy.
High Noise Impact Activities and Works	means jack hammering, rock breaking or hammering, pile driving, vibratory rolling, cutting of pavement, concrete or steel or other work occurring on the surface that generates noise with impulsive, intermittent, tonal or low frequency characteristics.
Impulsive noise	has the same meaning as defined in the New South Wales Government's Industrial Noise Policy.
Interim Construction Noise Guidelines	Interim Construction Noise Guidelines (DECC, 2009)
Intermittent noise	has the same meaning as defined in the New South Wales Government's Industrial Noise Policy.
INP	means the New South Wales Industrial Noise Policy (EPA, 2000)
Local possession	means a formal authority issued by Railcorp to occupy a closed defined portion of track for a specified period.
Low-frequency noise	has the same meaning as defined in the New South Wales Government's Industrial Noise Policy.
Night	the period from 2200 to 0700 h (Monday to Saturday) and 2200 to 0800 h (Sundays and Public Holidays) as per the definition in the New South Wales Government's Industrial Noise Policy.
Out of hours	means hours of operation outside those prescribed by condition L4.1.
Practicable and reasonable	has the same meaning as 'reasonable and feasible' in the New South Wales Government's Industrial Noise Policy.
Noise sensitive receiver	means any residence, places of education, child care centre and pre-school, nursing home, hospital or place of worship.
Residential building	means any private dwelling or residence.
Tonal noise	has the same meaning as defined in the New South Wales Government's Industrial Noise Policy.



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Local noise catchment	means an area in which all identified noise sensitive receivers are exposed to similar noise levels from the same source at the same time.
Railway Systems Activities	has the same meaning as in Schedule 1 of the Protection of the Environment Operations Act 1997.

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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 David Featherston

Environment Protection Authority

(By Delegation)

Date of this edition: 09-January-2006

# Environment Protection Licence

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## End Notes

- 1 Licence varied by notice 1057752, issued on 23-Mar-2006, which came into effect on 24-Mar-2006.
- 2 Licence varied by notice 1061467, issued on 09-Jun-2006, which came into effect on 09-Jun-2006.
- 3 Licence varied by updating references to the Clean Air Reg, issued on 25-Jul-2006, which came into effect on 25-Jul-2006.
- 4 Licence varied by notice 1063712, issued on 18-Aug-2006, which came into effect on 18-Aug-2006.
- 5 Licence varied by notice 1064638, issued on 01-Sep-2006, which came into effect on 01-Sep-2006.
- 6 Licence varied by notice 1065547, issued on 26-Oct-2006, which came into effect on 26-Oct-2006.
- 7 Licence varied by notice 1067983, issued on 12-Jan-2007, which came into effect on 12-Jan-2007.
- 8 Licence varied by notice 1068923, issued on 19-Jan-2007, which came into effect on 19-Jan-2007.
- 9 Licence varied by notice 1069135, issued on 09-Feb-2007, which came into effect on 09-Feb-2007.
- 10 Licence varied by notice 1070045, issued on 23-Feb-2007, which came into effect on 23-Feb-2007.
- 11 Licence varied by notice 1071102, issued on 28-Mar-2007, which came into effect on 28-Mar-2007.
- 12 Licence varied by notice 1071946, issued on 19-Apr-2007, which came into effect on 19-Apr-2007.
- 13 Licence varied by notice 1072566, issued on 04-May-2007, which came into effect on 04-May-2007.
- 14 Licence varied by notice 1073905, issued on 07-Jun-2007, which came into effect on 07-Jun-2007.
- 15 Licence varied by notice 1074608, issued on 22-Jun-2007, which came into effect on 22-Jun-2007.
- 16 Licence varied by notice 1074931, issued on 26-Jun-2007, which came into effect on 26-Jun-2007.
- 17 Licence varied by notice 1075522, issued on 04-Jul-2007, which came into effect on 04-Jul-2007.
- 18 Licence varied by notice 1075965, issued on 16-Jul-2007, which came into effect on 16-Jul-2007.

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| 19 | Licence varied by repair to Annual Return Archive, issued on 18-Jul-2007, which came into effect on 18-Jul-2007. |
| 20 | Licence varied by notice 1076177, issued on 20-Jul-2007, which came into effect on 20-Jul-2007.                  |
| 21 | Licence varied by notice 1076399, issued on 30-Jul-2007, which came into effect on 30-Jul-2007.                  |
| 22 | Licence varied by notice 1077496, issued on 27-Aug-2007, which came into effect on 27-Aug-2007.                  |
| 23 | Licence varied by notice 1077654, issued on 31-Aug-2007, which came into effect on 31-Aug-2007.                  |
| 24 | Licence varied by notice 1077903, issued on 14-Sep-2007, which came into effect on 14-Sep-2007.                  |
| 25 | Licence varied by notice 1078330, issued on 21-Sep-2007, which came into effect on 21-Sep-2007.                  |
| 26 | Licence varied by notice 1078805, issued on 09-Oct-2007, which came into effect on 09-Oct-2007.                  |
| 27 | Licence varied by notice 1079326, issued on 26-Oct-2007, which came into effect on 26-Oct-2007.                  |
| 28 | Licence varied by notice 1079820, issued on 07-Nov-2007, which came into effect on 07-Nov-2007.                  |
| 29 | Licence varied by notice 1080029, issued on 09-Nov-2007, which came into effect on 09-Nov-2007.                  |
| 30 | Licence varied by notice 1080251, issued on 22-Nov-2007, which came into effect on 22-Nov-2007.                  |
| 31 | Licence varied by notice 1080718, issued on 30-Nov-2007, which came into effect on 30-Nov-2007.                  |
| 32 | Licence varied by notice 1080890, issued on 06-Dec-2007, which came into effect on 06-Dec-2007.                  |
| 33 | Licence varied by notice 1081253, issued on 21-Dec-2007, which came into effect on 21-Dec-2007.                  |
| 34 | Licence varied by notice 1082052, issued on 01-Feb-2008, which came into effect on 01-Feb-2008.                  |
| 35 | Licence varied by notice 1082694, issued on 11-Feb-2008, which came into effect on 11-Feb-2008.                  |
| 36 | Licence varied by notice 1082834, issued on 20-Feb-2008, which came into effect on 20-Feb-2008.                  |
| 37 | Licence varied by notice 1083247, issued on 07-Mar-2008, which came into effect on 07-Mar-2008.                  |

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| 38 | Licence varied by notice 1083594, issued on 17-Mar-2008, which came into effect on 17-Mar-2008. |
| 39 | Licence varied by notice 1084038, issued on 27-Mar-2008, which came into effect on 27-Mar-2008. |
| 40 | Licence varied by notice 1084428, issued on 01-Apr-2008, which came into effect on 01-Apr-2008. |
| 41 | Licence varied by notice 1084917, issued on 17-Apr-2008, which came into effect on 17-Apr-2008. |
| 42 | Licence varied by notice 1087230, issued on 15-May-2008, which came into effect on 15-May-2008. |
| 43 | Licence varied by notice 1088312, issued on 03-Jun-2008, which came into effect on 03-Jun-2008. |
| 44 | Licence varied by notice 1088987, issued on 20-Jun-2008, which came into effect on 20-Jun-2008. |
| 45 | Licence varied by notice 1089391, issued on 27-Jun-2008, which came into effect on 27-Jun-2008. |
| 46 | Licence varied by notice 1090509, issued on 23-Jul-2008, which came into effect on 23-Jul-2008. |
| 47 | Licence varied by notice 1090739, issued on 30-Jul-2008, which came into effect on 30-Jul-2008. |
| 48 | Licence varied by notice 1090779, issued on 31-Jul-2008, which came into effect on 31-Jul-2008. |
| 49 | Licence varied by notice 1090927, issued on 08-Aug-2008, which came into effect on 08-Aug-2008. |
| 50 | Licence varied by notice 1091180, issued on 14-Aug-2008, which came into effect on 14-Aug-2008. |
| 51 | Licence varied by notice 1091558, issued on 25-Aug-2008, which came into effect on 25-Aug-2008. |
| 52 | Licence varied by notice 1092071, issued on 12-Sep-2008, which came into effect on 12-Sep-2008. |
| 53 | Licence varied by notice 1092354, issued on 24-Sep-2008, which came into effect on 24-Sep-2008. |
| 54 | Licence varied by notice 1093257, issued on 12-Dec-2008, which came into effect on 12-Dec-2008. |
| 55 | Licence varied by notice 1096533, issued on 06-Jan-2009, which came into effect on 06-Jan-2009. |
| 56 | Licence varied by notice 1097717, issued on 10-Feb-2009, which came into effect on 10-Feb-2009. |

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| 57 | Licence varied by notice 1099139, issued on 27-Mar-2009, which came into effect on 27-Mar-2009. |
| 58 | Licence varied by notice 1099637, issued on 03-Apr-2009, which came into effect on 03-Apr-2009. |
| 59 | Licence varied by notice 1102309, issued on 19-Jun-2009, which came into effect on 19-Jun-2009. |
| 60 | Licence varied by notice 1103281, issued on 01-Jul-2009, which came into effect on 01-Jul-2009. |
| 61 | Licence varied by notice 1103852, issued on 09-Jul-2009, which came into effect on 09-Jul-2009. |
| 62 | Licence varied by notice 1103992, issued on 13-Jul-2009, which came into effect on 13-Jul-2009. |
| 63 | Licence varied by notice 1104068, issued on 16-Jul-2009, which came into effect on 16-Jul-2009. |
| 64 | Licence varied by notice 1105824, issued on 26-Aug-2009, which came into effect on 26-Aug-2009. |
| 65 | Licence varied by notice 1105949, issued on 03-Sep-2009, which came into effect on 03-Sep-2009. |
| 66 | Licence varied by notice 1106705, issued on 24-Sep-2009, which came into effect on 24-Sep-2009. |
| 67 | Licence varied by notice 1108086, issued on 27-Oct-2009, which came into effect on 27-Oct-2009. |
| 68 | Licence varied by notice 1109163, issued on 09-Dec-2009, which came into effect on 09-Dec-2009. |
| 69 | Licence varied by notice 1112398, issued on 19-Mar-2010, which came into effect on 19-Mar-2010. |
| 70 | Licence varied by notice 1114586, issued on 31-May-2010, which came into effect on 31-May-2010. |
| 71 | Licence varied by notice 1116927, issued on 15-Jul-2010, which came into effect on 15-Jul-2010. |
| 72 | Licence varied by notice 1119536, issued on 17-Sep-2010, which came into effect on 17-Sep-2010. |
| 73 | Licence varied by notice 1122403, issued on 03-Dec-2010, which came into effect on 03-Dec-2010. |
| 74 | Licence varied by notice 1123528, issued on 10-Jan-2011, which came into effect on 10-Jan-2011. |
| 75 | Licence varied by notice 1127396, issued on 28-Apr-2011, which came into effect on 28-Apr-2011. |



# Environment Protection Licence

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Licence - 12413



76	Licence varied by notice	1501076 issued on 13-Sep-2011
77	Licence varied by notice	1503205 issued on 08-Dec-2011
78	Licence transferred through application	1505202 approved on 26-Mar-2012 , which came into effect on 01-Apr-2012
79	Licence varied by notice	1506168 issued on 18-May-2012
80	Licence varied by notice	1509363 issued on 25-Oct-2012
81	Licence varied by notice	1510877 issued on 07-Jan-2013
82	Licence varied by notice	1511290 issued on 21-Jan-2013
83	Licence varied by notice	1514126 issued on 15-May-2013
84	Licence varied by notice	1518061 issued on 07-Nov-2013
85	Licence format updated on	27-Feb-2014
86	Licence varied by notice	1521869 issued on 19-Aug-2014
87	Licence varied by notice	1524725 issued on 01-Sep-2014