Gerringong upgrade
Princes Highway
Review of Environmental Factors
APPENDIX D - DECCW ROAD CONSTRUCTION MODEL ENVIRONMENTAL PROTECTION LICENSE
JUNE 2010
For the purpose of this Model Licence, the following key is to be used to determine the differential components between a Metropolitan based Road Construction Environment Protection Licence, and a Regional based Road Construction Environment Protection Licence.

**Conditions in yellow:** pertains to those conditions that will be standard across both Metropolitan and Regional model licences and apply to the project to which the model licence applies.

**Conditions in pink:** pertains to those conditions specific to projects occurring within the Metropolitan region.

**Conditions in blue:** pertains to those conditions specific to projects occurring within regional locations.
# Environment Protection Licence

**Licence Details**
- Number: [ ]
- Anniversary Date: [ ]
- Review Due Date: [ ]

**Licensee**

**Licence Type**
- Premises

**Premises**

**Scheduled Activity**
- Road construction

**Fee Based Activity**
- Road construction

**Region**

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**Environment Protection Authority - NSW**
Printed: 00:00 00-Jan-0000  
Archived: 00:00 00-Jan-0000
**Environment Protection Licence**

**Licence - xxxx**

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<td>24</td>
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</tbody>
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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.

G1691

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); and
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

G1692

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.

G1694

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.

G1695

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.

G1696

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).

The EPA publication "A Guide to Licensing" contains information about how to calculate your licence fees.
Environment Protection Licence

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:

subject to the conditions which follow.

1 Administrative conditions

A1 What the licence authorises and regulates

A1.1 Not applicable.

A2 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**
Road construction

**Fee Based Activity**

<table>
<thead>
<tr>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road construction</td>
</tr>
</tbody>
</table>

**A2 Premises to which this licence applies**

**A2.1 The licence applies to the following premises:**

**G694 A2.2 In relation to Condition A2.1, the premises is defined by <reference site drawings>.**

**Note: A copy/s of the above document/s is maintained on file <insert file number> for this premises at the EPA's <insert regional office location> office.**

**A3 Other activities**

**G697 A3.1 Not applicable.**
G1699

A4 Information supplied to the EPA

G1287

A4.1 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.

G1288

2 Discharges to air and water and applications to land

P1 Location of monitoring/discharge points and areas

G700

P1.1 Not applicable.

G1624

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.

G827

P1.3 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

<table>
<thead>
<tr>
<th>EPA Identification no.</th>
<th>Type of monitoring point</th>
<th>Type of discharge point</th>
<th>Description of location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

G1087

P1.4 For the purpose of this licence the discharge points referred to at Condition P1.2 and P1.3 of this licence are those from sediment basins identified in <reference tables containing sediment basins> contained in <reference documents>.
P2 Provision of updated discharge point locations

P2.1 The licensee, in commissioning a new sediment basin, may only vary the discharge point locations identified in Condition P1.2 and P1.3 if it provides the EPA with a copy of the revised document/s identified at Condition P1.4 of this licence, at least 7 days prior to the commissioning on the premises.

P2.2 The licensee, in decommissioning an existing sediment basin, may only vary the discharge point locations identified in Condition P1.2 and P1.3 if it provides the EPA with a copy of the revised document/s identified at Condition P1.4 of this licence, at least 21 days prior to the decommissioning on the premises.

3 Limit conditions

L1 Pollution of waters

G828
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.

G864

L2 Load limits

G965
L2.1 Not applicable.

G1700
L2.2 Not applicable.

G1965

L3 Concentration limits

G928
L3.1 For each monitoring/discharge point or utilisation area specified in the table/s 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.

G1725
L3.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.

G1726
L3.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table/s.

G1729

Water and Land

G1630

POINTS 1,2,3,4,5,6
Section 55 Protection of the Environment Operations Act 1997

Environment Protection Licence

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<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Units of Measure</th>
<th>50th percentile concentration limit</th>
<th>90th percentile concentration limit</th>
<th>3DGM concentration limit</th>
<th>100th percentile concentration Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil and Grease</td>
<td>Visible</td>
<td></td>
<td></td>
<td></td>
<td>Visible</td>
</tr>
<tr>
<td>pH/Total suspended</td>
<td>milligrams per litre</td>
<td></td>
<td></td>
<td></td>
<td>6.5 - 8.5</td>
</tr>
<tr>
<td>suspended solids</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&lt;insert&gt;</td>
</tr>
</tbody>
</table>

G2661
L3.4 Exceeding the limits specified in Condition L3.3 of this licence for pH and total suspended solids (TSS) for discharges from the sediment basins identified by Conditions P1.2 and P1.3 is only permitted when the discharge occurs solely as a result of rainfall measured at the premises. The rainfall must exceed the 5 day rainfall depth value for the corresponding discharge point in the table below over a consecutive 5 day period for discharge to be considered to occur solely as a result of rainfall.

<table>
<thead>
<tr>
<th>Basin</th>
<th>Classification of basin</th>
<th>Design 5 day rainfall event</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;insert 75th percentile basins&gt;</td>
<td>75th</td>
<td>&lt;insert rainfall depth&gt;</td>
</tr>
<tr>
<td>&lt;insert 80th percentile basins&gt;</td>
<td>80th</td>
<td>&lt;insert rainfall depth&gt;</td>
</tr>
<tr>
<td>&lt;insert 85th percentile basins&gt;</td>
<td>85th</td>
<td>&lt;insert rainfall depth&gt;</td>
</tr>
<tr>
<td>&lt;insert 90th percentile basins&gt;</td>
<td>90th</td>
<td>&lt;insert rainfall depth&gt;</td>
</tr>
<tr>
<td>&lt;insert 95th percentile basins&gt;</td>
<td>95th</td>
<td>&lt;insert rainfall depth&gt;</td>
</tr>
</tbody>
</table>

NS61554
L3.5 If the licensee uses turbidity (NTU) in place of TSS to determine compliance with Condition L3.3, the licensee must develop a statistical correlation which identifies the relationship between NTU and TSS for water quality in the sediment basin/s in order to determine the NTU equivalent of <insert> TSS before its use.

L3.6 The licensee must provide the EPA with a copy of the statistical correlation assessment methodology and results before using NTU in place of TSS.

L3.7 The licensee must develop and implement a method to enable the ongoing verification of the relationship between NTU and TSS.

L3.8 The licensee must provide the EPA with any amendments the licensee makes to the statistical correlation as a result of the ongoing verification required by Condition L3.7 before using the revised statistical correlation.

L4 Volume and mass limits

G969
L4.1 Not applicable.

G1635

L5 Waste

G1974
L5.1 Not applicable.

NS61556
L6 Noise Limits

G3344

L6.1 Not applicable.

NS61555

L7 Blasting limits

L7.1 The overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

L7.2 The overpressure level from blasting operations at the premises must not exceed 115dB (Lin Peak) for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

L7.3 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 10mm/sec at any time. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

L7.4 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 5mm/sec for more than five per cent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.

4 Operating conditions

O1 Activities must be carried out in a competent manner

G847

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.

G848

O2 Maintenance of plant and equipment

G849

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.

G850

O3 Hours of operation

NS61557

O3.1 Standard construction hours
Unless otherwise specified by any other condition of this licence, all construction activities are:

a) restricted to between the hours of 7:00am and 6:00pm Monday to Friday;
b) restricted to between the hours of 8:00am and 1:00pm Saturday; and
c) not to be undertaken on Sundays or Public Holidays.

NS62060

O3.2 Exemptions to standard construction hours

The three categories of works that may be undertaken outside the standard hours of operation permitted by Condition O3.1 are:
a) the delivery of oversized plant or structures that police or other authorised authorities determine require special arrangements to transport along public roads;
b) emergency work to avoid the loss of lives or property, or to prevent environmental harm;
c) works that are not more than 5 dB(A) over the rating background level at the nearest noise sensitive receiver as assessed by acoustic investigation.

The licensee must notify the EPA within 24 hours of undertaking any works referred to in Condition O3.2 as well as providing the EPA with a copy of the results of any acoustic investigation made in relation to Condition O3.2 c) within 24 hours.

O3.3 Works agreed outside of standard construction hours

The licensee may undertake works outside of standard construction hours if agreement between the licensee and representatives of potentially affected noise sensitive receivers, termed the <e.g. Community Liaison Group> has been reached. Any agreement(s) between the licensee and the <e.g. Community Liaison Group> must be recorded in writing and a copy of the agreement(s) kept on the premises by the licensee for the duration of this licence.

NS62061

O3.4 The licensee must notify, by letterbox drop and by detailing works on the project website, potentially affected noise sensitive receivers of the timing and duration of work agreed to under Condition O3.3 at least 48 hours prior to that work commencing. A copy of the notification must be kept by the licensee and made available to the EPA on request.

Note: where no project website currently exists, a website for this purpose must be created.

O3.4 Notification of works approved outside of standard construction hours

(a) The licensee must notify potentially affected noise sensitive receivers of works approved outside of standard construction hours 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
   ii) be detailed on the project website.

(c) The notification required by paragraphs (a) and (b) of this condition must:
   i) clearly outline the reason that the work is required to be undertaken outside the hours specified in Condition O3.1;
   ii) include a diagram that clearly identifies the location of the proposed works in relation to nearby cross streets and local landmarks;
   iii) include details of relevant time restrictions that apply to the proposed works.
(v) clearly outline, in plain English, the location, nature, scope and duration of the proposed works;
(vi) detail the expected noise impact of the works on noise sensitive receivers;
(vii) clearly state how complaints may be made and additional information obtained; and
(viii) include the number of the telephone complaints line required by Condition M5.1, an after hours contact phone number specific to the works undertaken outside the hours specified in Condition O3.1, and the project website address.

Note: where no project website currently exists, a website for this purpose must be created.

NS61687

O3.5 Blasting hours

Blasting operations at the premises may only take place between 9:00am and 3:00pm Monday to Friday and 9:00am and 1:00pm Saturday. (Where compelling safety reasons exist, the EPA may permit a blast to occur outside the above hours. A prior written request for approval of any such blast must be made to the EPA).

NS62082

O3.6 Work generating high noise impact

Any work generating high noise impact, excluding blasting operations covered in Condition O3.5, must only be undertaken:
(a) between the hours of 8:00am and 6:00pm Monday to Friday;
(b) between the hours of 8:00am and 1:00pm Saturday; and
(c) in continuous blocks of no more than 3 hours, with at least a 1 hour respite between each block of work generating high noise impact, where the location of the work is likely to impact the same receivers;

except as expressly permitted by another condition 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.

NS61560

O4 Noise and vibration control

NS61561

O4.1 All works must be carried out in accordance with the "Interim Construction Noise Guideline", DECC July 2009" to minimise the emission of noise and vibration from the premises.

NS61569

O5 Dust control

NS61570

O5.1 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.

NS61571

O6 Erosion and sediment control

NS61576

O6.1 The licensee must maximise the diversion of run-on waters from lands upslope and around the site whilst land disturbance activities are being undertaken.
NS61637

O6.2 The licensee must maximise the diversion of stormwater runoff containing suspended solids to sediment basins installed on the premises.

NS61637

O6.3 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.

NS61638

O6.4 The licensee must minimise the area of the site that is able to generate suspended material when water runs over it.

O7 Sediment basins

NS61577

O7.1 Where sediment basins are necessary, all sediment basins and associated drainage must be installed and commissioned prior to the commencement of any clearing or grubbing works within the catchment area of the sediment basin that may cause sediment to leave the site.

Note: This condition does not apply to those works associated with the actual installation of sediment basins or associated drainage.

NS62063

O7.2 The sediment basins must be designed (stability, location, type and size), constructed, operated and maintained in accordance with the guideline “Managing Urban Stormwater – Soils and Construction, Volume 2D, Main road construction” DECC 2008, to be read and used in conjunction with volume 1 “Managing urban stormwater, soils and construction” Landcom 2006.

NS61622

O7.3 The licensee must ensure the design storage capacity of the sediment basins installed on the premises is reinstated within 5 days of the cessation of a rainfall event that causes runoff to occur on or from the premises.

NS61635

O7.4 The licensee must ensure that sampling point(s) for water discharged from the 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 collection of representative samples of the water discharged from the sediment basin(s);
   and
   c) access to the sampling point(s) at all times by an authorised officer of the EPA.

NS61636

O7.5 The licensee must endeavour to maximise the reuse of captured stormwater on the premises.

5 Monitoring and recording conditions

M1 Monitoring records

G854

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.
**Environment Protection Licence**

**Section 55 Protection of the Environment Operations Act 1997**

**License - xxxx**

**G855**

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.

**G856**

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.

**G857**

M2 Requirement to monitor concentration of pollutants discharged

**G858**

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:

**G859**

**Water and Land**

**POINTS 1,2,3,4,5,6**

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Units of Frequency</th>
<th>Sampling Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil and Grease</td>
<td>Visible</td>
<td>Special Frequency 1 Inspection</td>
</tr>
<tr>
<td>Total suspended solids</td>
<td>milligrams per litre</td>
<td>Special Frequency 1 Grab sample</td>
</tr>
<tr>
<td>pH</td>
<td>pH</td>
<td>Special Frequency 1 Probe</td>
</tr>
</tbody>
</table>

**G1068**

Note: Special Frequency 1 means <24 hours prior to a controlled/scheduled discharge and daily for any continued controlled/scheduled discharge.

**NS62037**

M3 Testing methods - concentration limits

**G866**

M3.1 Not applicable.

**G1638**

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.

**G868**

M4 Recording of pollution complaints

**G870**

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.
G871
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.

G872
M4.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

G5394
M4.4 The record must be produced to any authorised officer of the EPA who asks to see them.

G874

M5 Telephone complaints line

G875
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.

G876
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.

G877
M5.3 Conditions M5.1 and M5.2 do not apply until the commencement of the licensed activity and following:
(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.

G949
M5.4 Prior to the commencement of the licensed activity, the licensee must ensure the project’s website provides ready access to clear and concise information about:
(a) how to make a complaint on the telephone complaints line referred to in Condition M5.1; and
(b) how complaints on the telephone complaints line will be processed.

Note: where no project website currently exists, a website for this purpose must be created.

NS81584
M5.5 In response to any noise or vibration complaint made by any person/s or bodies other than the EPA, the licensee must:
(a) investigate the complaint within 2 hours of the complaint being received or within the timeframe agreed with the complainant;
(b) offer to attend the complainant’s premises to undertake noise or vibration monitoring at the complainant’s premises as soon as is 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.
M5.6 In response to any complaint referred by the EPA to the licensee, the licensee must respond to the referred complaint in a manner and timeframe specified by the EPA.
NS61586

M6 Requirement to monitor volume or mass
G1760
M6.1 Not applicable.
G4352

M7 Requirement to monitor noise and vibration
NS61579
M7.1 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, and the compliance monitoring guidance provided in the NSW Industrial Noise Policy.
NS61580
M7.2 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.
NS61605
M7.3 The licensee must undertake noise and vibration monitoring as directed by an authorised officer of the EPA.
NS61606

M8 Weather monitoring
NS61582
M8.1 Rainfall at the premises must be measured and recorded in millimetres per 24 hour period at the same time each day from the time that the site office associated with the activities permitted by this licence is established.

Note: The rainfall monitoring data collected in compliance with Condition M8.1 can be used to determine compliance with Condition L3.4.
NS61583

M9 Erosion and sediment control
NS62064
M9.1 All erosion and sediment control measures installed on the premises must be inspected and works undertaken to repair and/or maintain these controls:
   a) <daily/weekly – enter required frequency> during normal construction hours outlined in Condition O3.1;
   b) daily during periods of rainfall; and
   c) within 24 hours of the cessation of a rainfall event causing runoff to occur on or from the premises.

The licensee must record all such inspections including observations and works undertaken to repair and/or maintain erosion and sediment controls.
NS61639
M10 Blasting monitoring

NS62065

M10.1 To determine compliance with Conditions L7.1 to L7.4:

a) Airblast overpressure and ground vibration levels must be measured and electronically recorded at <enter exact location - consider ANZECC guidelines> - for all blasts carried out in or on the premises; and

b) Instrumentation used to measure the airblast overpressure and ground vibration levels must meet the requirements of Australian Standard AS 2187.2-2006.

NS62066

6 Reporting conditions

R1 Annual return documents

G878 What documents must an Annual Return contain?

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.

A copy of the form in which the Annual Return must be supplied to the EPA accompanies this licence. Before 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.

G879 Period covered by Annual Return

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.

G880 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.

G881 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.
G882

Deadline for Annual Return

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').

G883

Notification where actual load can not be calculated

R1.6 Not applicable.

G1966

Licensee must retain copy of Annual Return

R1.7 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.

G885

Certifying of Statement of Compliance and signing of Monitoring and Complaints Summary

R1.8 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.

G886

R1.9 A person who has been given written approval to certify a certificate of compliance under a licence issued under the Pollution Control Act 1970 is taken to be approved for the purpose of this condition until the date of first review of this licence.

G887

R2 Notification of environmental harm

G892

Note: The licensee or its employees must notify the EPA of incidents causing or threatening material harm to the environment as soon as practicable 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 EPA's Pollution Line service on 131 555.

G893

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.

G894

R3 Written report

G895

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.

G896
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.

G897 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.

G898 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.

G899

R4 Monthly report

NS62079 R4.1 The licensee must provide the EPA with a monthly report containing the following information:

- a) details of all non-compliances with the conditions of this licence and measures taken, or proposed, to prevent a recurrence of such a non-compliance; and
- b) details of all discharges from the sediment basins where the water quality results exceed the limits prescribed by Condition L3.3 including the results of rainfall measurements to demonstrate compliance with Condition L3.4; and

The report referred to in this condition must be received by the EPA within 10 working days of the end of each month.

NS62080

R5 Daily complaints reporting

NS61588 R5.1 The licensee must submit a daily report to the EPA by 2pm each working day that provides details of all environment related complaints received in relation to the works governed by this licence.

The report must:
- (a) be submitted to the email address nominated by the EPA;
- (b) include a unique identifier number for each complaint together with the details required by condition M4.2;
- (c) include the complaints received between 12pm on that day and 12pm on the previous working day.

The licensee is not required to submit a report for any reporting period during which no complaints were received.

NS61587
General conditions

G1 Copy of licence kept at the premises
G900

G1.1 A copy of this licence must be kept at the premises to which the licence applies from the time that the site office associated with the activities permitted by this licence is established.

G901

G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.

G902

G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

G904

G2 Contact number for incidents and responsible employees
S38870

G2.1 The licensee must provide the EPA with up to date contact details to enable the EPA:
(a) to contact either the licensee or a representative of the licensee who can respond at all times to incidents relating to the premises, and
(b) to contact the licensee's senior employees or agents authorised at all times to:
   (i) speak on behalf of the licensee, and
   (ii) provide any information or document required under licence.

NS62069

G2.2 The contact details required by Condition G2.1 above must include:
(a) the full name and title of the authorised representatives and the scope of their respective authorisations; and
(b) the direct telephone number, mobile number, pager number, fax number, email address and postal address for contacting each authorised representative.

NS62077

G3 Community consultation
NS61665

G3.1 The licensee must notify potentially affected noise sensitive receivers, including the Community Liaison Group referred to in Condition O3.3, a minimum of 14 days prior to the commencement of licensed activities, of the following:
(a) details of the project;
(b) nature and location of the works;
(c) estimated construction time;
(d) what works are expected to be noisy;
(e) noise control measures, and
(f) include the number of the telephone complaints line required by Condition M5.1, an after hours contact phone number specific to the works undertaken outside the hours specified in Condition O3.1, and the project website address.

NS61666

G3.2 The licensee must ensure that the community notification required by Condition G3.1 occurs:
(a) occurs at least twice and at least 7 days apart;
(b) occurs by general advertisement and public notices in newspapers that are regularly circulated within the communities likely to be affected by noise or other impacts of the licensed activities.

NS61686
Pollution studies and reduction programs

Special conditions

Dictionary

General Dictionary

G12425

In this licence, unless the contrary is indicated, the terms below have the following meanings:

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>3DGM [in relation to a concentration limit]</td>
<td>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.</td>
</tr>
<tr>
<td>activity</td>
<td>Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>actual load</td>
<td>Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009</td>
</tr>
<tr>
<td>AM</td>
<td>Together with a number, means an ambient air monitoring method of that number prescribed by the Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales.</td>
</tr>
<tr>
<td>AMG</td>
<td>Australian Map Grid</td>
</tr>
<tr>
<td>anniversary date</td>
<td>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.</td>
</tr>
<tr>
<td>annual return</td>
<td>Is defined in R1.1</td>
</tr>
<tr>
<td>Approved Methods Publication</td>
<td>Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009</td>
</tr>
<tr>
<td>assessable pollutants</td>
<td>Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009</td>
</tr>
<tr>
<td>BOD</td>
<td>Means biochemical oxygen demand</td>
</tr>
<tr>
<td>CEM</td>
<td>Together with a number, means a continuous emission monitoring method of that number prescribed by the Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales.</td>
</tr>
<tr>
<td>COD</td>
<td>Means chemical oxygen demand</td>
</tr>
<tr>
<td>composite sample</td>
<td>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.</td>
</tr>
<tr>
<td>cond.</td>
<td>Means conductivity</td>
</tr>
<tr>
<td>environment</td>
<td>Has the same meaning as in the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>Term</td>
<td>Definition</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>environment protection legislation</td>
<td>Has the same meaning as in the Protection of the Environment Administration Act 1991</td>
</tr>
<tr>
<td>EPA</td>
<td>Means Environment Protection Authority of New South Wales.</td>
</tr>
<tr>
<td>flow weighted composite sample</td>
<td>Means a sample whose composites are sized in proportion to the flow at each composites time of collection.</td>
</tr>
<tr>
<td>general solid waste (non-puressible)</td>
<td>Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>general solid waste (puressible)</td>
<td>Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>grab sample</td>
<td>Means a single sample taken at a point at a single time</td>
</tr>
<tr>
<td>hazardous waste</td>
<td>Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>licensee</td>
<td>Means the licence holder described at the front of this licence</td>
</tr>
<tr>
<td>load calculation protocol</td>
<td>Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009</td>
</tr>
<tr>
<td>local authority</td>
<td>Has the same meaning as in the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>material harm</td>
<td>Has the same meaning as in section 147 Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>MBAS</td>
<td>Means methylene blue active substances</td>
</tr>
<tr>
<td>Minister</td>
<td>Means the Minister administering the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>mobile plant</td>
<td>Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>motor vehicle</td>
<td>Has the same meaning as in the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>O &amp; G</td>
<td>Means oil and grease</td>
</tr>
<tr>
<td>percentile [in relation to a concentration limit of a sample]</td>
<td>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.</td>
</tr>
<tr>
<td>plant</td>
<td>Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.</td>
</tr>
<tr>
<td>pollution of waters [or water pollution]</td>
<td>Has the same meaning as in the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>premises</td>
<td>Means the premises described in condition A2.1</td>
</tr>
<tr>
<td>public authority</td>
<td>Has the same meaning as in the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>regional office</td>
<td>Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence</td>
</tr>
<tr>
<td>reporting period</td>
<td>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.</td>
</tr>
</tbody>
</table>
Section 55 Protection of the Environment Operations Act 1997

Environment Protection Licence

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>restricted solid waste</td>
<td>Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>scheduled activity</td>
<td>Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>special waste</td>
<td>Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>TM</td>
<td>Together with a number, means a test method of that number prescribed by the Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales.</td>
</tr>
<tr>
<td>TSP</td>
<td>Means total suspended particles</td>
</tr>
<tr>
<td>TSS</td>
<td>Means total suspended solids</td>
</tr>
<tr>
<td>Type 1 substance</td>
<td>Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements</td>
</tr>
<tr>
<td>Type 2 substance</td>
<td>Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements</td>
</tr>
<tr>
<td>utilisation area</td>
<td>Means any area shown as a utilisation area on a map submitted with the application for this licence</td>
</tr>
<tr>
<td>waste</td>
<td>Has the same meaning as in the Protection of the Environment Operations Act 1997</td>
</tr>
<tr>
<td>waste type</td>
<td>Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non-putrescible), special waste or hazardous waste</td>
</tr>
</tbody>
</table>

G12423

Special Dictionary

NS62081

In this licence, unless the contrary is indicated, the terms below have the following meanings:

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audible</td>
<td>Means capable of being heard; actually heard; loud enough to be heard.</td>
</tr>
<tr>
<td>Dust</td>
<td>Means insoluble solids as defined in AS3580.10.1-1991.</td>
</tr>
<tr>
<td>Erosion and sediment control measures</td>
<td>Includes: sediment basins, catch drains, diversion drains, pipes and banks, silt fences, sediment fences, geo-textile materials, sediment traps, energy dissipaters, perforated riser type sediment basin: discharge pipes, sediment baffles, non-erodible spillways, sediment basin flocculants and soil stabilisation measures.</td>
</tr>
<tr>
<td>Ground vibration peak particle velocity</td>
<td>Has the same meaning as referred to in the Australian and New Zealand Environment Council's Technical basis for guidelines to minimise annoyance due to blasting overpressure and ground vibration.</td>
</tr>
<tr>
<td>Impulsive noise</td>
<td>Has the same meaning as defined in the New South Wales Government's Industrial Noise Policy.</td>
</tr>
<tr>
<td>Intermittent noise</td>
<td>Has the same meaning as defined in the New South Wales Government's Industrial Noise Policy.</td>
</tr>
<tr>
<td>Low frequency noise</td>
<td>Has the same meaning as defined in the New South Wales Government's Industrial Noise Policy.</td>
</tr>
<tr>
<td>Maintenance activities</td>
<td>Means pavement maintenance, crash barrier repair, vegetation maintenance and signposting repair/replacement.</td>
</tr>
<tr>
<td>Term</td>
<td>Definition</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Noise sensitive receiver</td>
<td>Means any dwelling, residences, places of education, child care centres and pre-schools, motels, nursing homes, hospitals or places of worship.</td>
</tr>
<tr>
<td>Feasible and reasonable measures</td>
<td>Has the same meaning as &quot;feasible and reasonable measures&quot; in the New South Wales Government's Industrial Noise Policy.</td>
</tr>
<tr>
<td>Tonal noise</td>
<td>Has the same meaning as defined in the New South Wales Government's Industrial Noise Policy.</td>
</tr>
<tr>
<td>Type D soils</td>
<td>Has the same meaning as in the guidelines Managing Urban Stormwater – Soils and Construction Volume 1, 4th Edition (NSW Department of Housing, 2004).</td>
</tr>
<tr>
<td>Type F soils</td>
<td>Has the same meaning as in the guidelines Managing Urban Stormwater – Soils and Construction Volume 1, 4th Edition (NSW Department of Housing, 2004).</td>
</tr>
<tr>
<td>Work generating high noise impact</td>
<td>Jack hammering, line drilling, pile driving, rock hammering, rock breaking, saw cutting (excluding saw cutting of partially cured concrete, term soft saw cutting), sheet piling, vibratory rolling and any work that generates noise with impulsive, intermittent, low frequency or tonal characteristics.</td>
</tr>
</tbody>
</table>

NS61644

G1722

Environment Protection Authority

(By Delegation)

XX-XXX-XXXX

G1843

End Notes