

# Licence Variation



Licence - 21182

JOHN HOLLAND PTY LTD  
ABN 11 004 282 268 ACN 004 282 268  
Level 3, 65 Pirrama Road  
PYRMONT NSW 2009

Attention: Clint Dedden

Notice Number 1575685  
File Number EF18/44986  
Date 14-Mar-2019

## NOTICE OF VARIATION OF LICENCE NO. 21182

### BACKGROUND

- A. JOHN HOLLAND PTY LTD ("the licensee") is the holder of Environment Protection Licence No. 21182 ("the licence") issued under the *Protection of the Environment Operations Act 1997* ("the Act"). The licence authorises the carrying out of activities at Princes Highway, BATEMANS BAY, NSW, 2536 ("the premises").
- B. On 23-Jan-2019 the Environment Protection Authority (EPA) received an application for the variation of the licence.
- C. This licence variation amends the licence to include conditions related to the location of discharge points and the monitoring and concentration limits associated with discharges from these point.
- D. In addition, a Pollution Reduction Program regarding the validation of the modelled water quality impacts of the Clyde River has been added to the licence

### VARIATION OF LICENCE NO. 21182

1. By this notice the EPA varies licence No. 21182. The attached licence document contains all variations that are made to the licence by this notice.
2. The following variations have been made to the licence:
  - Administrative Condition A1.1 has been removed.
  - Discharges to Air and Water and Application to Land Condition P1.2 - The locations of the monitoring and discharge points has been incorporated into the licence

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- Limit Conditions L2 - Conditions related to the concentration limits for discharges, the notification of discharges to the EPA, the final report on the discharge and the correlation of total suspended solids and turbidity have been incorporated into the licence.
- Limit Conditions L 3.2 to L3.4 - Conditions related to out of hours work protocol and notification.
- Operating Condition O3 - The management of dust at the premises has been added.
- Operating Condition O4 - The requirement to return sediment basins to designs capacity as soon as possible after a rain event has been added.
- Monitoring Condition M2 - The requirement to monitor the concentration of pollutants discharged has been incorporated into the licence.
- Monitoring Condition M3 - The testing methods relating to the concentration limits has been added.
- Condition U1 - Pollution Reduction Program: *Validation of Water Quality Impact Assessment* has been added to the licence.

A handwritten signature in black ink, appearing to read 'Matt Rizzuto', written over a horizontal dotted line.

**Matthew Rizzuto**  
**Unit Head**  
**South East - Queanbeyan**  
(by Delegation)

## INFORMATION ABOUT THIS NOTICE

- This notice is issued under section 58(5) of the Act.
- Details provided in this notice, along with an updated version of the licence, will be available on the EPA's Public Register (<http://www.epa.nsw.gov.au/prpoeo/index.htm>) in accordance with section 308 of the Act.

## Appeals against this decision

- You can appeal to the Land and Environment Court against this decision. The deadline for lodging the appeal is 21 days after you were given notice of this decision.

## When this notice begins to operate

- The variations to the licence specified in this notice begin to operate immediately from the date of this notice, unless another date is specified in this notice.
- If an appeal is made against this decision to vary the licence and the Land and Environment Court directs that the decision is stayed the decision does not operate until the stay ceases to have effect or

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the Land and Environment Court confirms the decision or the appeal is withdrawn (whichever occurs first).



# Environment Protection Licence

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## Licence Details

Number:	21182
Anniversary Date:	13-November

## Licensee

JOHN HOLLAND PTY LTD  
 LEVEL 3, 65 PIRRAMA ROAD  
 PYRMONT NSW 2009

## Premises

BATEMANS BAY BRIDGE  
 PRINCES HIGHWAY  
 BATEMANS BAY NSW 2536

## Scheduled Activity

Extractive activities

## Fee Based Activity

## Scale

Land-based extractive activity	> 30000-50000 T annual capacity to extract, process or store
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## Region

South East - Queanbeyan  
 11 Farrer Place  
 QUEANBEYAN NSW 2620  
 Phone: (02) 6229 7002  
 Fax: (02) 6229 7006  
 PO Box 622  
 QUEANBEYAN NSW 2620

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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:

JOHN HOLLAND PTY LTD
LEVEL 3, 65 PIRRAMA ROAD
PYRMONT NSW 2009

subject to the conditions which follow.

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## 1 Administrative Conditions

### A1 What the licence authorises and regulates

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

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

Scheduled Activity	Fee Based Activity	Scale
Extractive activities	Land-based extractive activity	> 30000 - 50000 T annual capacity to extract, process or store

A1.2 Notwithstanding A1.1, the scale of the land-based extractive activity authorised under this licence must not exceed 50000 tonnes per annum, being the amount equivalent to the extraction limit approved by the development consent granted under the *Environmental Planning and Assessment Act 1979* for the premises specified in A2.

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

A2.1 The licence applies to the following premises:

Premises Details
BATEMANS BAY BRIDGE
PRINCES HIGHWAY
BATEMANS BAY
NSW 2536

A2.2 The licence premises in the diagram titled "Figure 1-1: Location of proposed modification in relation to the REF and EIS areas" and located in the EPA file DOC18/786625.

### A3 Other activities

A3.1 This licence applies to all other activities carried on at the premises, including:

Ancillary Activity
Road Construction

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## A4 Information supplied to the EPA

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.

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

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

P1.1 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.

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.

*Water and land*

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Sediment Basin 1 Discharge Point	Sediment Basin 1 Discharge Point	Discharge point for sediment basin 1 on the northern foreshore as labelled 'Northern Discharge Point' in Figure 3.1 of Chapter 3 of the document titled 'Licence variation supporting information - EPL 21182' (DOC19/58113).
2	Upstream Water Quality Monitoring Point		Monitoring point located 600m upstream of the discharge points 1 and 4 as labelled 'CLYUS1' in Figure 1 of Appendix 1 of the document titled 'Batemans Bay Bridge Soil and Water Management Plan Annexure A - Water Quality Monitoring Program' (DOC19/113233).

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3	Downstream Water Quality Monitoring Point		Monitoring point located 200m downstream of discharge point 1 as labelled 'CLY408' in Figure 1 of Appendix 1 of the document titled 'Batemans Bay Bridge Soil and Water Management Plan Annexure A - Water Quality Monitoring Program (DOC19/113233).
4	Sediment Basin 2 Discharge Point	Sediment Basin 2 Discharge Point	Discharge point for sediment basin 2 located on the southern foreshore as labelled 'Southern Discharge Point' in Figure 3.2 of Chapter 3 of the document titled 'Licence variation supporting information - EPL 21182' (DOC19/58113).
6	Downstream Water Quality Monitoring Point		Monitoring point located 120m downstream of the discharge point 4 as labelled 'CLY400' in Figure 1 of Appendix 1 of the document titled 'Batemans Bay Bridge Soil and Water Management Plan Annexure A - Water Quality Monitoring Program (DOC19/113233).

## 3 Limit Conditions

### L1 Pollution of waters

L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.

### 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

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## POINT 1,4

Pollutant	Units of Measure	50 Percentile concentration limit	90 Percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	Visible				Not visible
pH	pH				7.0 - 8.5
TSS	milligrams per litre				50

L2.5 Exceedance of a limit specified in Condition L2.4 of this licence for the discharge of pH or TSS from Point 1 and/or Point 4 is permitted if the discharge from Point 1 and/or Point 4 occurs solely as a result of rainfall at the premises exceeding a total of 37.4 millimetres over any consecutive five day period.

L2.6 Prior to utilising the discharge point at EPA Identification Point 1 and/or EPA Identification Point 4, the licensee must have employed all other practical measures for the management or reuse of sediment basin water to restore the design capacity of the sediment basins.

### Notification of Discharges to the EPA

L2.7 24 hours prior to an intended discharge from EPA Identification Point 1 and/or EPA Identification Point 4 the licensee must notify the EPA's Manager, South East Region (PO Box 622 Queanbeyan NSW 2620 or [queanbeyan@epa.nsw.gov.au](mailto:queanbeyan@epa.nsw.gov.au)).

L2.8 For the purposes of condition L2.7, notification of an intended discharge from EPA Identification Point 1 and/or EPA Identification Point 4 must include the following information to demonstrate compliance with Condition L2.6:

1. Actions carried out in accordance with Condition O4.1;
2. A justification for discharge from EPA Identification Point 1 and/or EPA Identification Point 4, including the daily volume of water that has been utilised from the sediment basin for dust suppression, irrigation and any other method of reuse during the proceeding 7 days;
3. The water level in the sediment basin and the volume of sediment basin water that is intended to be discharged to the Clyde River including the discharge duration, discharge flow rate, turbidity, electrical conductivity and level of pH;
4. The weather condition for the preceding 7 days including mean daily and maximum temperature, daily rainfall, mean and maximum relative humidity percentage;
5. The upstream and downstream turbidity, electrical conductivity and the pH level in the Clyde River; and
6. Whether the proposed discharge conditions will be undertaken during an incoming or outgoing tide.

### Final Report on the Discharge

L2.9 Within 5 working days of ceasing a discharge from EPA Identification Point 1 and/or EPA Identification

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Point 4, the licensee must submit a report to the EPA that includes the following information:

1. Details of the discharge including the time, duration, flow rate and daily concentration of suspended solids and pH level of discharge;
2. Daily upstream and downstream water quality in the Clyde River during the discharge including total suspended solids concentration, electrical conductivity, turbidity and pH level;
3. The upstream, downstream and sediment basin concentration of total suspended solids prior to discharge; and
4. Information to identify the boundary of the discharge mixing zone.

Note: The downstream boundary of the mixing zone is the point where water quality in the Clyde River returns to the ambient upstream water quality.

## Correlation of Total Suspended Solids and Turbidity

- L2.10 If the licensee uses turbidity (NTU) in place of TSS to determine compliance with Condition L2.4, 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 50 mg/L TSS before its use.
- L2.11 The licensee must provide the EPA with a copy of the statistical correlation assessment methodology and results before using NTU in place of TSS.
- L2.12 The licensee must develop and implement a method to enable the ongoing verification of the relationship between NTU and TSS.
- L2.13 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 L2.10 before using the revised statistical correlation.

## L3 Hours of operation

- L3.1 Any works conducted as part of the scheduled activity are restricted to the following hours;
- 7:00am to 6:00pm Monday to Friday,
  - 8:00am to 1:00pm Saturday;
  - no work permitted on Sundays and Public Holidays.
- L3.2 Exemptions to standard construction hours in exceptional circumstances or for low noise impact work:
- a) The licensee may undertake works outside of standard construction hours if any of the following applies:
    - i) emergency works are required to avoid the loss of lives or property, or to prevent material harm to the environment;
    - ii) the delivery of oversized plant or structures has been determined by the police or other authorised authorities to require special arrangements to transport along public roads.
  - b) The licensee must, on becoming aware of the need to undertake emergency construction work under this condition notify the EPA's Environment Line as soon as practicable and submit a report to the EPA by

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2pm on the next business day after the emergency works commenced that describes:

- i) the cause, time and duration of the emergency; and
- ii) action taken by or on behalf of the licensee in relation to the emergency; and
- iii) details of any measures taken or proposed to be taken by the licensee to prevent or mitigate against a recurrence of the emergency.

c) The following works and activities may be carried out outside of the hours specified in Condition L4.1 if the works and activities do not cause, when measured at the boundary of the most affected noise sensitive receiver;

- i) LAeq (15 minute) noise levels greater than 5dB above the day, evening and night rating background level (RBL) as applicable;
- ii) LA1 (1 minute) or LAm<sub>ax</sub> noise levels greater than 15dB above the night RBL for night works (sleep disturbance criteria).

## Exemption to Standard Construction Hours

L3.3 The licensee may undertake works outside of standard construction hours if the following has been carried out:

- a) A quantitative noise assessment (as described in the CEMP Appendix B3 - NVMP) has been carried out to identify the affected receivers;
- b) Additional mitigation measures are applied to the affected receivers in accordance with the NVMP and the OOHW Protocol; and
- c) The licensee must reach an agreement with the majority of the receivers within the Highly Intrusive noise impact category, as identified from the quantitative noise assessment completed in accordance with L4.3a).

## Works Outside of Standard Construction Hours - Notification

L3.4 The licensee must notify potentially affected noise sensitive receivers of works outside of standard construction hours not less than 5 calendar days and not more than 14 calendar days before those works are to be undertaken.

- a) The notification must be:
  - i) undertaken by letterbox drop or email; and
  - ii) detailed on the project website.
- b) The notification required by the Condition must:
  - i) clearly outline the reason that the work is required to be undertaken outside hours specified on Condition L4.1;
  - ii) include a diagram that clearly identified 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;
  - iv) clearly outline in plain English, the location, nature, scope and duration of the proposed works;
  - 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; and
  - vii) include the number of the telephone complaints line.

## 4 Operating Conditions

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## **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 The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.

O3.2 Activities occurring in or on the premises must be carried out in a manner that will minimise the generation, or emission from the premises, of wind-blown or traffic generated dust.

## **O4 Processes and management**

O4.1 The licensee must commence operations to return sediment basins to design capacity as soon as practical after the cessation of a rainfall event.

# **5 Monitoring and Recording Conditions**

## **M1 Monitoring records**

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

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

- 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;

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- 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 1,2,3,4,6

Pollutant	Units of measure	Frequency	Sampling Method
Conductivity	microsiemens per metre	Special Frequency 1	In situ
Oil and Grease	Visible	Special Frequency 1	Inspection
pH	pH	Special Frequency 1	In situ
Total suspended solids	milligrams per litre	Special Frequency 1	Grab sample
Turbidity	nephelometric turbidity units	Special Frequency 1	In situ

## 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.

## 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

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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 after the date of the issue of this licence.

## **6 Reporting Conditions**

### **R1 Annual return documents**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## R2 Notification of environmental harm

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

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

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

## R3 Written report

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

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

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

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- 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.

## 7 General Conditions

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

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

## 8 Pollution Studies and Reduction Programs

### U1 Validation of Water Quality Impact Assessment

- U1.1 Within 4 weeks of the first discharge from EPA Identification Point 1 and/or EPA Identification Point 4, the licensee must submit a written ambient water quality study validation report to the EPA's Manager, South East Region (PO Box 622 Queanbeyan NSW 2620 or [queanbeyan@epa.nsw.gov.au](mailto:queanbeyan@epa.nsw.gov.au)).
- U1.2 The validation report must use the information collected during discharges from EPA Identification Point 1 and/or EPA Identification Point 4 to the Clyde River to validate the modelled water quality impacts on the Clyde River of the proposed construction sediment basin discharge limit of 50mg/L.

Note: This pollution reduction program has been developed to validate the modelled water quality impacts on the Clyde River of the proposed construction sediment basin discharge limits.

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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

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(By Delegation)

Date of this edition: 13-November-2018

## End Notes