

# Environment Protection Licence

Licence - 12003

## Licence Details

Number:	12003
Anniversary Date:	22-December

## Licensee

AGL UPSTREAM INVESTMENTS PTY LIMITED

PO BOX 67

MENANGLE NSW 2568

## Premises

ROSALIND PARK GAS PLANT

MEDHURST ROAD

GILEAD NSW 2560

## Scheduled Activity

Petroleum exploration, assessment and production

## Fee Based Activity

Petroleum exploration, assessment and production

## Scale

18 Wellheads at beginning of licence  
fee period

## Contact Us

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# Environment Protection Licence

Licence - 12003

<b>INFORMATION ABOUT THIS LICENCE</b>	4
Dictionary	4
Responsibilities of licensee	4
Variation of licence conditions	4
Duration of licence	4
Licence review	4
Fees and annual return to be sent to the EPA	4
Transfer of licence	5
Public register and access to monitoring data	5
<b>1 ADMINISTRATIVE CONDITIONS</b>	<b>6</b>
A1 What the licence authorises and regulates	6
A2 Premises or plant to which this licence applies	6
A3 Information supplied to the EPA	7
<b>2 LIMIT CONDITIONS</b>	<b>7</b>
L1 Pollution of waters	7
L2 Load limits	7
L3 Waste	8
L4 Noise limits	8
L5 Hours of operation	9
L6 Potentially offensive odour	9
L7 Other limit conditions	9
<b>3 OPERATING CONDITIONS</b>	<b>10</b>
O1 Activities must be carried out in a competent manner	10
O2 Maintenance of plant and equipment	10
O3 Dust	10
O4 Emergency response	10
O5 Processes and management	10
<b>4 MONITORING AND RECORDING CONDITIONS</b>	<b>11</b>
M1 Monitoring records	11
M2 Testing methods - load limits	11
M3 Recording of pollution complaints	11
M4 Telephone complaints line	12
<b>5 REPORTING CONDITIONS</b>	<b>12</b>
R1 Annual return documents	12
R2 Notification of environmental harm	13



# Environment Protection Licence

---

Licence - 12003

R3	Written report	13
R4	Other reporting conditions	14
<b>6</b>	<b>GENERAL CONDITIONS</b>	<b>15</b>
G1	Copy of licence kept at the premises or plant	15
G2	Other general conditions	16
<b>7</b>	<b>SPECIAL CONDITIONS</b>	<b>17</b>
E1	Environmental Liability Insurance	17
<b>DICTIONARY</b>		<b>19</b>
	General Dictionary	19

# Environment Protection Licence

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Licence - 12003

## 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).



# Environment Protection Licence

Licence - 12003

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>AGL UPSTREAM INVESTMENTS PTY LIMITED</b>
<b>PO BOX 67</b>
<b>MENANGLE NSW 2568</b>

subject to the conditions which follow.

# Environment Protection Licence

Licence - 12003

## 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.

Scheduled Activity	Fee Based Activity	Scale
Petroleum exploration, assessment and production	Petroleum exploration, assessment and production	18 Wellheads at beginning of licence fee period

A1.2 This licence does not authorise the above scheduled activities where approval for these activities is also required under the *Environmental Planning and Assessment Act 1979* and/or the *Petroleum (Onshore) Act 1991*, and approval has not been granted under these acts.

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

A2.1 The licence applies to the following premises:

Premises Details
ROSALIND PARK GAS PLANT
MEDHURST ROAD
GILEAD
NSW 2560
PART LOT 35 DP 230946

A2.2 The premises also includes the gas gathering reticulation system owned and operated by the licensee that is associated with the gas treatment plant(s) identified in condition A2.1.

A2.3 The gas gathering reticulation system identified in condition A2.2 includes all gas wells, trunk lines, and any associated effluent storages, temporary work areas and infrastructure associated with the gathering systems, gas wells and trunk lines.

A2.4 The licensee must maintain a current register of the gas gathering reticulation system documenting each gas well location, wellhead configuration and all trunk lines associated with the gas treatment plant identified in condition A2.1.

A2.5 For the purposes of this licence, the premises also includes immediate areas in a 10 metre radius of all infrastructure in connection to the operation of the gas wells. During well establishment, the premises have a nominal area of 100m x 70m and is surrounded by fencing. At various times during wellhead maintenance, the premises at the gas wellhead comprises an area of approximate dimensions 50m x 40m.

A2.6 Any maps referred to in this section and included as part of this licence indicate the activity that is authorised by this licence to be undertaken at each well site.

# Environment Protection Licence

Licence - 12003

## 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 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 Load limits

- L2.1 The actual load of an assessable pollutant discharged from the premises during the reporting period must not exceed the load limit specified for the assessable pollutant in the table below.

Note: An assessable pollutant is a pollutant which affects the licence fee payable for the licence.

- L2.2 The actual load of an assessable pollutant must be calculated in accordance with the relevant load calculation protocol.

Assessable Pollutant	Load limit (kg)
Benzene (Air)	47.00
Benzo(a)pyrene (equivalent) (Air)	0.27
BOD (Enclosed Water)	
Fine Particulates (Air)	460.00
Hydrogen Sulfide (Air)	1.60
Nitrogen Oxides - Summer (Air)	
Nitrogen Oxides (Air)	10300.00
Oil and Grease (Enclosed Water)	
Salt (Enclosed Water)	
Sulfur Oxides (Air)	3000.00
Total PAHs (Enclosed Water)	
Total Phenolics (Enclosed Water)	

# Environment Protection Licence

Licence - 12003

Total suspended solids (Enclosed Water)	
Volatile organic compounds - Summer (Air)	
Volatile organic compounds (Air)	33000.00

Note: There are no discharges to waters for purposes of the Condition L2.2.

## L3 Waste

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

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

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

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

Code	Waste	Description	Activity	Other Limits
NA	General or Specific exempted waste	Waste that meets all the conditions of a resource recovery exemption under Clause 51A of the Protection of the Environment Operations (Waste) Regulation 2005	As specified in each particular resource recovery exemption	NA
NA	Waste	Any waste received on site that is below licensing thresholds in Schedule 1 of the POEO Act, as in force from time to time	-	NA

## L3.2 Asbestos

Note: The licensee must comply with the conditions as specified in this licence or where no specific conditions are outlined in this licence, the licensee must comply with the Protection of the Environment Operations (Waste) Regulation 2005.

## L4 Noise limits

L4.1 **Well, Gathering System and Trunk Line Maintenance noise management protocol**



# Environment Protection Licence

Licence - 12003

L4.2 The licensee must have in place a Well, Gathering System and Trunk Line Maintenance Noise Management Protocol to be used for the premises as defined in Condition A2 of this licence for the duration of the licence. The Protocol must include, but not limited to:

- a) noise compliance standards;
- b) community consultation;
- c) advance notice to affected members of the community for planned well maintenance activities;
- d) complaints handling monitoring/system;
- e) site contact person to follow up complaints;
- f) mitigation measures;
- g) the design/orientation of the proposed mitigation methods demonstrating best practice;
- h) construction times;
- i) contingency measures where noise complaints are received; and
- j) monitoring methods and program.

## L5 Hours of operation

L5.1 Planned maintenance activities at any of the wells must only be conducted between:

- (a) 7am and 6pm on weekdays; and
- (b) 8am and 1pm on Saturdays (excluding Public Holidays).

L5.2 This condition does not apply to the delivery of material outside the hours of operation permitted by condition L6.1, if that delivery is required by police or other authorities for safety reasons; and/or the operation or personnel or equipment are endangered. In such circumstances, prior notification must be provided to the EPA and affected residents as soon as possible or within a reasonable period in the case of emergency.

## L6 Potentially offensive odour

L6.1 No condition of this licence identifies a potentially offensive odour for the purposes of section 129 of the Protection of the Environment Operations Act 1997.

Note: Section 129 of the Protection of the Environment Operations Act 1997, provides that the licensee must not cause or permit the emission of any offensive odour from the premises but provides a defence if the emission is identified in the relevant environment protection licence as a potentially offensive odour and the odour was emitted in accordance with the conditions of a licence directed at minimising odour.

Note: Should odour emissions become an issue, the EPA will consider requiring investigation and implementation of further odour control measures.

## L7 Other limit conditions

L7.1 Polychlorinated Biphenyls (PCBs)

# Environment Protection Licence

Licence - 12003

Note: The licensee must comply with the conditions as specified in this licence or where no specific conditions are outlined in this licence, the licensee must comply with the "Chemical Control Order in Relation to Materials and Wastes Containing Polychlorinated Biphenyl, 1997".

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

### O4 Emergency response

O4.1 The licensee must maintain, and implement as necessary, a current emergency response plan for the premises. The licensee must keep the emergency response plan on the premises at all times. The emergency response plan must document systems and procedures to deal with all types of incidents (e.g. spills, explosions or fire) that may occur at the premises or that may be associated with activities that occur at the premises and which are likely to cause harm to the environment. If a current emergency response plan does not exist at the date on which this condition is attached to the licence, the licensee must develop an emergency response plan within three months of that date.

### O5 Processes and management

O5.1 The licensee must ensure that any liquid and/or non-liquid waste generated and/or stored at the premises is assessed and classified in accordance with the EPA Waste Classification Guidelines as in force from time to time.

O5.2 The licensee must ensure that waste identified for recycling is stored separately from other waste.

# Environment Protection Licence

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Licence - 12003

## 4 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;
  - c) the point at which the sample was taken; and
  - d) the name of the person who collected the sample.

### M2 Testing methods - load limits

Note: Division 4 of the *Protection of the Environment Operations (General) Regulation 2022* requires that monitoring of actual loads of assessable pollutants listed in L2.2 must be carried out in accordance with the relevant load calculation protocol set out for the fee-based activity classification listed in the Administrative Conditions of this licence.

### M3 Recording of pollution complaints

- M3.1 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.
- M3.2 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.
- M3.3 The record of a complaint must be kept for at least 4 years after the complaint was made.
- M3.4 The record must be produced to any authorised officer of the EPA who asks to see them.

# Environment Protection Licence

Licence - 12003

## M4 Telephone complaints line

- M4.1 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.
- M4.2 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.
- M4.3 The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.

## 5 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 notification that the Annual Return is due.

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

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

- R1.3 Where this licence is transferred from the licensee to a new licensee:
- a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
  - b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

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

- R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:
- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is

# Environment Protection Licence

Licence - 12003

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 Where the licensee is unable to complete a part of the Annual Return by the due date because the licensee was unable to calculate the actual load of a pollutant due to circumstances beyond the licensee's control, the licensee must notify the EPA in writing as soon as practicable, and in any event not later than the due date.

The notification must specify:

a) the assessable pollutants for which the actual load could not be calculated; and

b) the relevant circumstances that were beyond the control of the licensee.

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.

R1.8 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.

R1.9 The licensee must submit a noise compliance monitoring report on 16 April 2004 and on an annual basis with the annual return required in condition R1.1 thereafter, to assess compliance with the noise limits provided in condition L5.1. The noise monitoring must be undertaken in accordance with the NSW Industrial Noise Policy August 2000.

## R2 Notification of environmental harm

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 they became aware of the incident.

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.

## 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.



# Environment Protection Licence

Licence - 12003

- 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 Leak Detection and Repair Program Summary Report

- R4.2 The licensee must submit a brief summary report on the Leak Detection and Repair (LDAR) program with the annual return. The summary report must include, but may not be limited to:
  - a. The total number of components inspected, as well as the number and percentage of minor, major and significant leaking components found by component types;
  - b. The type of components and the scale of the leak for any equipment where leaks are found;
  - c. The emission level of leaking equipment and emission level of re-check after leak was repaired;
  - d. The repair responses and times as listed in the table below

**Table: Repair Responses and Times**

Scale of leak (ppmv)	Initial remedial repair in response	Actual repair time
1,000 - < 10,000 (Minor)		
>=10,000 - <50,000 (Major)		
>=50,000 (Significant)		

- R4.3 Where a leak is identified, AGL should aim to have the component repaired as follows:
  - Within a period of 14 days if the concentration of the fugitive VOCs emission is greater than or equal to 1,000 parts per million by volume (ppmv) but not more than 10,000 ppmv (minor leak), as methane, above background

# Environment Protection Licence

Licence - 12003

- Within a period of 5 days if the concentration of the fugitive VOCs emission is greater than or equal to 10,000 ppmv but not more than 50,000 ppmv (major leak), as methane, above background
- Within a period of one day if the concentration of the fugitive VOCs emission is greater than or equal to 50,000 ppmv (significant leak > 50,000 ppmv), as methane, above background.

## R4.4 Groundwater Monitoring Report

- R4.5 The licensee must supply with the Annual Return a Groundwater Monitoring Report for points 13 and 15 which provides:
- (a) an analysis and interpretation of monitoring results and
  - (b) actions to correct identified adverse trends.

## R4.6 Spatial Information

- R4.7 The licensee must submit to the EPA updated spatial information with the Annual Return when there have been infrastructure changes to the licence as identified in condition A2.1. The information must be provided in an ESRI geodatabase or shapefile format or any ESRI compatible dataset in GDA94.

## Well Status Notifications

- R4.8 In relation to a well at the premises, if the licensee submits a well status notification to the Department of Regional NSW in accordance with the petroleum legislation guide titled '*Onshore petroleum reporting and data submission*', a copy of that well status notification must be supplied to the EPA at the same time.

## Wellhead Reporting

- R4.9 During the current reporting period, the licensee must report to the EPA the number of wellheads that will be present at the premises at the commencement of the next reporting period.
- R4.10 The report for the number of wellhead must be supplied to the EPA by email to [info@epa.nsw.gov.au](mailto:info@epa.nsw.gov.au) at least 21 days before the end of the current reporting period.
- R4.11 The report for the number of wellheads must be prepared each reporting period.

Note: The terms "reporting period" and "wellhead" are defined in the Dictionary at the end of this licence.

## 6 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.



# Environment Protection Licence

Licence - 12003

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

## G2 Other general conditions

### G2.1 Completed Programs

Program	Description	Completed Date
PRP 1 - Groundwater Attributes for EPA Groundwater Assessment	Groundwater Assessment. By 30 May 2012 the licensee must submit to the EPA Regional Office a report that details all groundwater assessed data for the premises.	30-May-2012
PRP 2 - Groundwater Monitoring	Groundwater Monitoring. The licensee must prepare and submit for endorsement to the EPA by the 31 July 2012 a Groundwater Management Plan for the premises and any proposed expansion areas	31-July-2012
PRP 3 - Spatial Database	Spatial Database. The licensee must provide to the EPA by 30 January 2012 a spatial layer that details all of coal seam gas infrastructure and gas and water gathering lines associated with Rosalind Park Gas Plant.	30-January-2012
PRP 4 - Leak Detection and Repair Program (LDAR)	Leak Detection and Repair Program. 1. The licensee must prepare and submit to the EPA by 27 February 2012 a report detailing the existing LDAR program currently implemented at the premises. 2. The licensee must prepare and submit to the EPA by 30 November 2012 a report investigating best management practices and monitoring techniques for the detection and quantification of VOC emissions from premises.	30-November-2012
PRP 5 - CSG Drilling, Hydraulic Fracturing, Well Workover and Chemical Addition Report	CSG drilling, hydraulic fracturing, well workover and chemical addition best management practice investigation. By 26 March 2012 AGL Upstream Investments must carry out an investigation and provide a written report to the EPA.	26-March-2012
PRP 6 - Predictive Emissions Monitoring System	Trial a Predictive Emissions Monitoring System for Compressor Engines 2 and 3 for a six month period. Upon completion of the trial the EPA may approve PEMS as the monitoring system for Compressor Engines 2 and 3 subject to conditions of the (EPL).	31-August-2014
PRP 7 - Predictive Emissions Monitoring System (Stage 2)	The aim of this Program is for the licensee to refine the Predictive Emissions Monitoring System on Compressor Engines 2 and 3 (LDP 2 and 3) respectively.	14-April-2016
EIP 8 - Gas Well Instrumentation Improvement Program	Installation of 12 volt air compressor to remove potential methane emissions from instrumentation located at each of the gas wells.	02-June-2016



# Environment Protection Licence

Licence - 12003

EIP 9 - Water Storage Improvement Program

AGL will replace a number of current water storage with purpose built pre-fabricated tanks manufactured to AS1692 (tanks for flammable and combustible liquids) and AS1940 (storage of flammable and combustible liquids).

31-October-2016

## 7 Special Conditions

### E1 Environmental Liability Insurance

E1.1 The licensee must compile a written document (Estimate of costs) which identifies the potential pollution incidents in connection with all activities or works authorised and controlled by this licence and estimates the cost(s) of clean-up actions or claims for compensation or damage resulting from all of the identified potential pollution incidents.

The estimate of costs must:

1. estimate the total of all the reasonable likely costs and expenses that may be incurred in cleaning up any pollution incident at the premises, disposing of any contaminated wastes and ongoing monitoring of clean-up actions as well as any potential claims for compensation;
2. document all cost inputs, representations and assumptions used in preparing the estimate; and include contingency provisions to allow for variations to estimated costs and assumptions.

Note 1: The definition of the term "pollution incident" in the Dictionary to the Protection of the Environment Operations Act 1997 applies to the term "pollution incident" in this licence.

Note 2: The EPA received the information required by this condition on 20 September 2022, saved at DOC22/838088, and additional information dated 11 October 2022 saved at DOC22/903083.

E1.2 In accordance with section 72 of the Protection of the Environment Operations Act 1997, the licensee is required to take out and maintain a policy of insurance for the payment of costs for clean-up action and for claims for compensation or damages resulting from the pollution in connection with the activity or work authorised or controlled by this licence. The policy of insurance is to cover but is not limited to pollution occurring as a consequence of the following potential pollution incidents:

1. Spills or escapes of any hazardous chemicals onto land and/or into surface or groundwaters;
2. Unauthorised discharges/releases of produced water from wells, storage ponds or related infrastructure onto land and/or into ground or surfacewaters; and
3. Fires as a result of flaring or from any other activities on the premises.

The policy of insurance must be for at least the amount specified in the estimate of costs provided under condition E1.1 of the licence.

Note 1: The EPA received the information required by this condition on 20 September 2022, saved at DOC22/838088, and additional information dated 11 October 2022 saved at DOC22/903083.



# Environment Protection Licence

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Licence - 12003

E1.3 The policy or policies of insurance required under condition E1.2, above, must be obtained from an Australian Prudential Regulation Authority (APRA) regulated insurer with a minimum credit rating equivalent:

1. A- on the Standard and Poor's Global rating, or
2. A3 on the Moody's rating.

Note 1: The EPA received the information required by this condition on 20 September 2022, saved at DOC22/838088, and additional information dated 11 October 2022 saved at DOC22/903083.

E1.4 Evidence of both the currency and scope of the policy or policies of insurance required under condition E1.2 must be provided to the EPA.

If a policy or policies of insurance cannot reasonably be obtained in accordance with conditions E1.2 and E1.3 above, then evidence of any asset provisioning or other financial arrangements to cover the costs identified in the estimate of costs required under condition E1.1 must be provided to the EPA.

The licensee must provide evidence of all policies of insurance or any asset provision or other financial arrangements required by this condition annually to the EPA with the corresponding Annual Return and on commencement of any new activities or works authorised or controlled by this licence which may result in pollution not already covered by the policy insurance required under condition E1.2.

The EPA received the information required by this condition on 20 September 2022, saved at DOC22/838088, and additional information dated 11 October 2022 saved at DOC22/903083.

# Environment Protection Licence

Licence - 12003

## 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

# Environment Protection Licence

Licence - 12003

<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> .

# Environment Protection Licence

Licence - 12003

<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
<b>Wellhead</b>	Has the same meaning as in Schedule 1 to the Protection of the Environment Operations (General) Regulation 2021.

Mr Robert Marr

Environment Protection Authority

(By Delegation)

Date of this edition: 22-December-2004

# Environment Protection Licence

Licence - 12003

## End Notes

- 1 Licence transferred through application 144297, approved on 20-Jul-2006, which came into effect on 01-Feb-2006.
- 2 Licence varied by notice 1064314, issued on 14-Sep-2006, which came into effect on 14-Sep-2006.
- 3 Licence varied by correction to DEC catchment record, issued on 15-May-2007, which came into effect on 15-May-2007.
- 4 Licence varied by notice 1073749, issued on 19-Jun-2007, which came into effect on 19-Jun-2007.
- 5 Licence varied by change to legislation, issued on 05-Jul-2007, which came into effect on 05-Jul-2007.
- 6 Licence varied by notice 1076711, issued on 12-Sep-2007, which came into effect on 12-Sep-2007.
- 7 Licence varied by notice 1078337, issued on 22-Oct-2007, which came into effect on 22-Oct-2007.
- 8 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 9 Licence varied by notice 1090214, issued on 18-Nov-2008, which came into effect on 18-Nov-2008.
- 10 Licence varied by notice 1096297, issued on 21-Jan-2009, which came into effect on 21-Jan-2009.
- 11 Licence varied by notice 1105118, issued on 02-Oct-2009, which came into effect on 02-Oct-2009.
- 12 Licence varied by notice 1110279, issued on 27-May-2010, which came into effect on 27-May-2010.
- 13 Licence varied by notice 1122545, issued on 15-Dec-2010, which came into effect on 15-Dec-2010.
- 14 Licence varied by notice 1501788 issued on 01-Nov-2011
- 15 Licence varied by notice 1503210 issued on 22-Dec-2011
- 16 Licence varied by notice 1504429 issued on 16-Feb-2012
- 17 Licence varied by notice 1507776 issued on 13-May-2013
- 18 Licence varied by notice 1517004 issued on 22-Oct-2013
- 19 Licence varied by notice 1518939 issued on 19-Dec-2013
- 20 Licence varied by notice 1522947 issued on 19-Sep-2014
- 21 Licence varied by notice 1526141 issued on 13-Nov-2014

# Environment Protection Licence

Licence - 12003

22	Licence varied by notice	1527147 issued on 16-Dec-2014
23	Licence varied by notice	1529286 issued on 31-Mar-2015
24	Licence format updated on	10-Apr-2015
25	Licence varied by notice	1534008 issued on 28-Sep-2015
26	Licence varied by notice	1538424 issued on 23-Mar-2016
27	Licence varied by notice	1540924 issued on 16-Jun-2016
28	Licence varied by notice	1547193 issued on 01-Dec-2016
29	Licence varied by notice	1558481 issued on 14-Dec-2017
30	Licence varied by notice	1560094 issued on 21-Dec-2017
31	Licence varied by notice	1618704 issued on 29-Jul-2022
32	Licence varied by notice	1622143 issued on 10-Nov-2022
33	Licence varied by notice	1625171 issued on 23-Mar-2023
34	Licence varied by notice	1631956 issued on 28-Sep-2023
35	Licence varied by notice	1638051 issued on 04-Apr-2024