DETERMINATION OF A DEVELOPMENT APPLICATION FOR STATE SIGNIFICANT, DESIGNATED AND INTEGRATED DEVELOPMENT UNDER SECTION 80 OF THE *ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979*

I, the Minister for Planning, under Section 80 of the *Environmental Planning and Assessment Act 1979*, approve the Development Application referred to in Schedule 1, subject to the conditions in Schedule 3 and 4.

The reason for the imposition of the conditions is to:

(i) Minimise any adverse environmental impacts associated with the development;
(ii) Provide for the on-going environmental management of the development; and
(iii) Provide for regular monitoring and reporting on the development.

Andrew Refshauge MP
Minister for Planning

Sydney, 2002 File No. S00/00945

SCHEDULE 1

Development Application: DA No. 15-1-2002-i

Applicant: Sydney Gas Operations Pty Limited

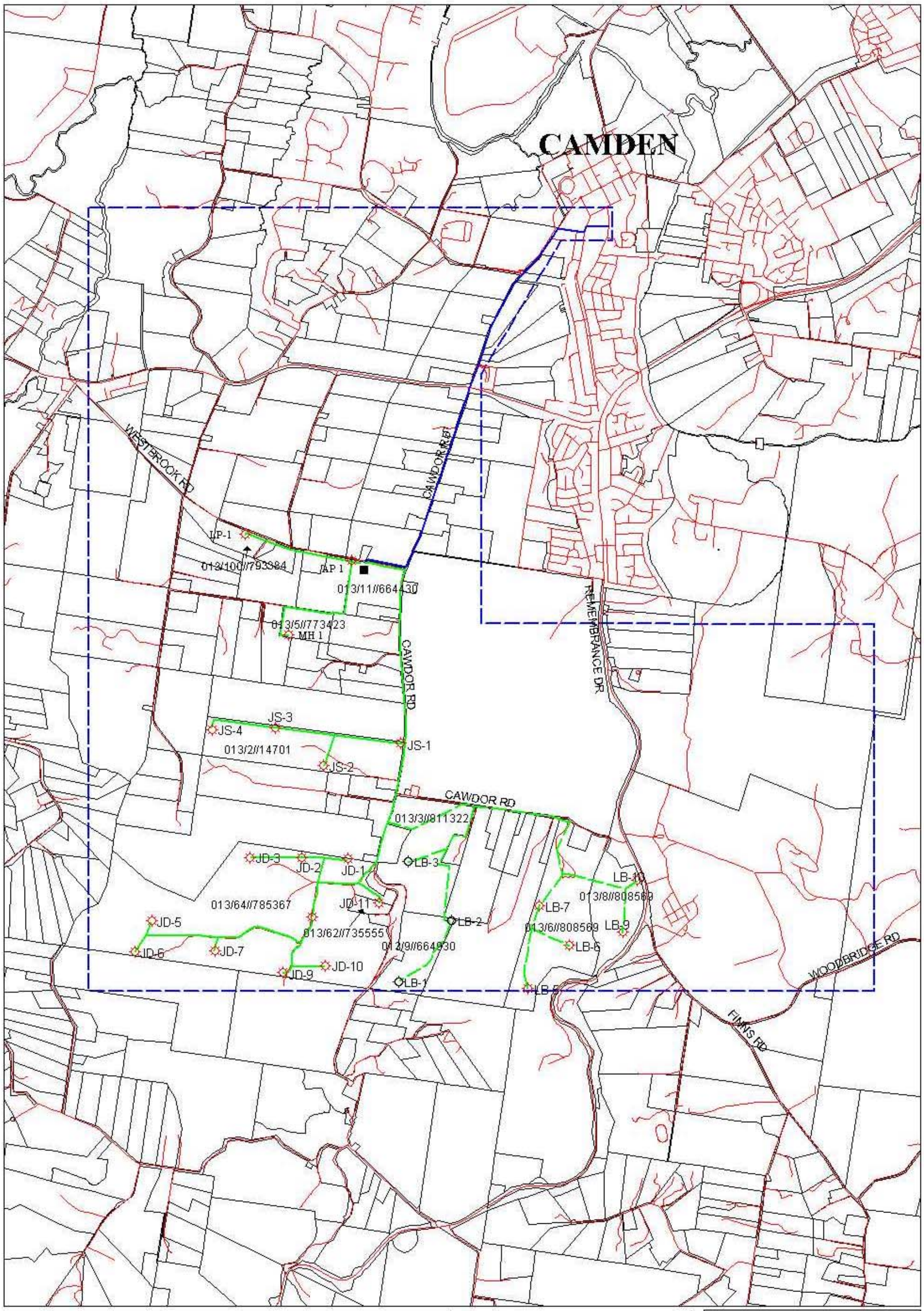
Consent Authority: Minister for Planning.

Land:

FACILITY	PROPERTY DP NUMBER
Apap 1 (AP-1)	013/11/664430
Joe Stanley 1 (JS-1)	013/2/14701
Joe Stanley 2 (JS-2)	013/2/14701
Joe Stanley 3 (JS-3)	013/2/14701

Joe Stanley 4 (JS-4)	013/2/14701
Johndilo 1 (JD-1)	013/64/785367
Johndilo 2 (JD-2)	013/64/785367
Johndilo 3 (JD-3)	013/64/785367
Johndilo 4 (JD-4)	013/64/785367
Johndilo 5 (JD-5)	013/64/785367
Johndilo 6 (JD-6)	013/64/785367
Johndilo 7 (JD-7)	013/64/785367
Johndilo 9 (JD-9)	013/64/785367
Johndilo 10 (JD-10)	013/64/785367
Johndilo 11 (JD-11)	013/62/735555
Lipscombe 1 (LP-1)	013/100/793384
Logan Brae 1 (LB-1)	013/9/664930
Logan Brae 2 (LB-2)	013/9/664930
Logan Brae 3 (LB-3)	013/3/811322
Logan Brae 5 (LB-5)	013/6/808569
Logan Brae 6 (LB-6)	013/6/808569
Logan Brae 7 (LB-7)	013/6/808569
Logan Brae 9 (LB-9)	013/6/808569
Logan Brae 10 (LB-10)	013/6/808569
Mahon 1 (MH-1)	013/5/773423
Treatment Plant	013/11/664430
Site Office	013/64/785367

The Gathering System (coloured green) and the Pilot Project Pipeline (coloured blue) in the map titled "Sydney Gas Operations Pty Ltd Camden Gas Project Petroleum Assessment Lease 1".



SYDNEY GAS OPERATIONS PTY LTD
CAMDEN GAS PROJECT
PETROLEUM PRODUCTION LEASE 1

LEGEND
Roads
Completed Production Wells
Core Holes
Treatment/Compression Facility
Gathering System
Proposed Gathering System
Pilot Project Pipeline
013/56//123645 Property DP Number
Petroleum Production Lease

SYDNEY GAS COMPANY

0 1 2
Kilometres

Proposed Development:	The continued operation of the Camden Coalbed Methane project. The proposal involves: • Operation of the existing 20 production wells; • Operation of 5 additional wells not yet completed and/or drilled; • Operation of the existing and proposed gas gathering system; • Operation of the existing gas treatment plant; • Production of up to 93,000 GJ/month from the treatment plant; • Sale and distribution of gas to the AGL gas network; and • Operation of the existing site office and pipeyard depot.
State Significant Development:	The proposed development is State Significant development by virtue of a Declaration made by the Minister for Planning on 19 December 2001 under Section 76A of the *Environmental Planning and Assessment Act 1979*.
Integrated Development:	The proposal requires an additional approval from the Environment Protection Authority under the *Protection of the Environment Operations Act 1997*. Consequently it is classified as Integrated Development under Section 91 of the *Environmental Planning and Assessment Act 1979*.
BCA Classification:	Treatment Plant – Westbrook Road, Cawdor Class 5 - Demountable Office Class 10 - Gas Works

		Infrastructure and Storage Containers

Office/Depot – 455 Razorback Road, Cawdor

Class 5	-	Demountable Office
Class 10	-	Storage Containers and All Shelter Demountable Buildings

SCHEDULE 2

DEFINITIONS

The Act	*Environmental Planning and Assessment Act 1979*
The Applicant	Sydney Gas Operations Pty Ltd
DA	Development Application
Day	Between 7.00am and 6.00pm Monday to Saturday and 8.00am to 6.00pm Sundays and Public Holidays
The Department	The Department of Planning
The Director-General	The Director-General of the Department of Planning, or her delegate
DLWC	Department of Land and Water Conservation
DMR	Department of Mineral Resources
EIS	Environmental Impact Statement
EPA	Environment Protection Authority
Evening	Between 6.00pm and 10.00pm
GJ	Gigajoule
$L_{AEQ15min}$	Average noise level, when measured over a 15 minute period
Licence	Environment Protection Licence under the *Protection of the Environment Operations Act 1997*
Night	Between 10.00pm and 7.00am Monday to Saturday and 10.00pm and 8.00am Sundays and Public Holidays
PAL 1	Petroleum Assessment Lease No. 1
POEO Act	*Protection of the Environment Operations Act 1997*
Production Lease	Petroleum Production Lease under the *Petroleum (Onshore) Act 1991*
PRP	Pollution Reduction Program

SCHEDULE 3

CONDITIONS OF CONSENT

GENERAL

Obligation to Minimise Harm to the Environment

1. The Applicant shall implement all practicable measures to prevent or minimise any harm to the environment that may result from the construction or operation of the development.

Terms of Approval

2. [1]The Applicant shall carry out the development generally in accordance with the:
   (a) DA submitted to the Department on 31 January 2002;
   (b) *Camden Coalbed Methane Project Petroleum Production Operations – Environmental Impact Statement for the Sydney Gas Company* (four volumes), dated December 2001 and prepared by Harvest Scientific Services;
   (c) Letter from Sydney Gas Company dated 4 April 2002 to the EPA in relation to community complaints, lot and DP details of the treatment plant, wells and infrastructure, and map showing existing well locations;
   (d) Letter from Sydney Gas Company dated 8 April 2002 to the EPA in relation to background noise level monitoring;
   (e) Letter from Sydney Gas Company dated 11 April 2002 to the EPA in relation to achievable noise levels, operational flaring noise, and ongoing maintenance issues;
   (f) Letter from Sydney Gas Company dated 11 April 2002 to the EPA in relation to nitrogen dioxide impact assessment and odour issues;
   (g) Letter from Sydney Gas Company dated 12 April 2002 to the EPA in relation to the 3 additional wells, and maintenance activities;
   (h) Letter from Sydney Gas Company dated 16 April 2002 to the EPA in relation to noise monitoring, noise levels, operational flaring noise, construction and maintenance activities, nitrogen dioxide assessment, and odour impact assessment;

[1] Incorporates an EPA General Term of Approval

(i) Letter from Sydney Gas Company dated 29 May 2002 to Planning NSW in relation to the risk assessments and drawings for the Westbrook Road to Camden Pipeline; and

(j) Conditions of this consent.

Period of Approval

3. This approval is for a period of twenty one (21) years from the date of granting of the production lease.

Special Conditions of Approval

4. The Applicant shall submit a development application for a new treatment plant within two (2) years of the date of this consent. Upon the commissioning of the new treatment plant the Applicant shall cease production from the Ray Beddoe Treatment Plant and proceed to rehabilitate the site in accordance with the Site Rehabilitation Management Plan.

5. If after five (5) years of the date of this consent any well that is the subject of this consent has not yet been drilled or completed, then the Applicant shall surrender the approval for that well.

6. At the expiration of ten (10) years from the date of this consent, the Applicant shall submit to the Director General a reserve report covering the petroleum production lease (PPL) area.

   The report shall be prepared by an independent petroleum expert in accordance with relevant definitions approved by the Society of Petroleum Engineers and/or the World Petroleum Congress.

   In the absence of a proven reserve, the Applicant shall make a further submission to the Director-General justifying why production should continue.

   After reviewing this report, the Director-General may direct the Applicant to carry out certain actions (including the closure and rehabilitation of certain wells).

Note: The Production Lease to be granted by the Department of Mineral Resources will apply to the PAL 1 area, which is a much larger area than that which the development consent applies to. This consent applies to the land and structures identified in Schedule 1, being the wells, treatment plant, site depot, gas gathering system and pipeline. To minimise the impact of the development on the area, the Production Lease will include a condition which requires the Applicant to relinquish areas that have not been tested for gas production within 10 years of the granting of the lease. The Production Lease would include a condition which requires the Applicant to submit a development application for development of the Stage II production area within 3 years of the date of the production lease.

Further Approvals

7. Nothing in this consent permits the drilling and operation of any additional wells (beyond the approved 25 wells) or a new treatment plant. These shall be the subject of another development consent or development consents.

Note: The drilling of new gas wells within the production lease area and the production of gas from them, and a new treatment plant would require development consent under the Environmental Planning and Assessment Act, 1979.

Redrilling and Refraccing Management Plan

8. For the purposes of this consent the redrilling and/or additional fraccing of a well does not constitute wellhead maintenance.

9. The Applicant shall obtain the approval of the Director-General for the redrilling and/or additional fraccing of a well.

10. The Applicant shall prepare a Redrilling and Refraccing Management Plan in consultation with the Department of Mineral Resources for redrilling and/or refraccing of an existing well. The Plan shall be submitted to the Director-General no later than one month prior to the commencement of the work or within such period as agreed by the Director-General. The Plan shall include, but not necessarily be limited to:

(a) a description of all the activities to be undertaken on the well site during the redrilling and/or refraccing work;
(b) details of how the environmental performance of the work will be monitored and what actions will be taken to address identified adverse environmental impacts;
(c) reference to the relevant parts of the Environmental Management Plan required under condition 15 of this consent;
(d) compliance with all the relevant environmental performance requirements of this consent; and arrangements for complaints handling procedures during the redrilling/refraccing work.

The Applicant shall give written notification of the proposed redrilling/refraccing work to potentially affected residences and other noise sensitive receivers at least fourteen days prior to work commencing.

Compliance

11. Throughout the life of the development, the Applicant shall secure, renew, maintain, and comply with all the relevant statutory approvals applying to the development.

12. The Applicant shall take all reasonable steps to ensure that all of its employees, contractors and subcontractors are made aware of, and comply with, the conditions of this consent relevant to their respective activities.

13. [2]The Applicant must, in the opinion of the EPA, be a fit and proper person to hold a licence under the Protection of the Environment Operations Act, 1997, having regard to the matters in section 83 of that Act.

PRODUCTION OPERATIONS PLAN

14. The Applicant shall prepare a Production Operations Plan (POP) for the approval of the Department of Mineral Resources. The POP shall have regard to the conditions of this consent and the licence under the POEO Act. The POP will form the basis for the:

(a) ongoing operations and environmental management; and
(b) ongoing monitoring of the development.

[2] Incorporates an EPA General Term of Approval

A copy of the POP shall be forwarded to the Department within fourteen days of the DMR's acceptance.

ENVIRONMENTAL MANAGEMENT

Environmental Management Plan

15. [3]The Applicant shall prepare and implement an Environmental Management Plan (EMP) to provide an environmental management framework, practices and procedures to be followed during the drilling and operation of the development. The EMP shall be prepared in consultation with the relevant authorities (EPA, DMR, DLWC). The EMP shall include, but not necessarily be limited to:

    (a) identification of all statutory and other obligations that the Applicant is required to fulfil in relation to operation of the development, including all consents, licences, approvals and consultations;
    (b) a description of the roles and responsibilities for all key personnel involved in the drilling and operation of the development;
    (c) the overall environmental policies and principles to be applied to the operation of the development;
    (d) standards and performance measures to be applied to the development, and a means by which environmental performance can be periodically reviewed and improved;
    (e) management policies to ensure that environmental performance goals are met and to comply with conditions of this consent; and
    (f) include the following detailed plans:
    - Noise Management Plan;
    - Soil and Water Management Plan;
    - Water Quality Management Plan;
    - Traffic Management Plan;
    - Vegetation and Landscape Management Plan;
    - Waste Management Plan; and
    - Site Rehabilitation Management Plan

16. The EMP shall be submitted for the approval of the Director-General within three months of the date of this consent, or within such period otherwise agreed by the Director-General.

[3] Incorporates an EPA General Term of Approval

17. The Applicant shall supply a copy of the EMP to the EPA, DLWC, DMR, Wollondilly Council and Camden Council within fourteen days of the Director-General's approval. The Applicant shall ensure that a copy of the EMP is publicly available.

18. The Applicant shall review and update the EMP regularly, or as directed by the Director-General.

Note:	Submission of a copy of the approved Plan to other Government agencies does not mean that their approval is required. The Plan is for the information of the agency

Noise Management Plan

19. The Applicant shall prepare and implement a Noise Management Plan for the whole site. The Plan shall include, but not necessarily be limited to:

    (a) identification of the potential sources of noise during drilling and operation;
    (b) the noise criteria for these activities;
    (c) details of what actions and measures would be implemented to ensure that these operations would comply with the relevant noise criteria;
    (d) describe how the effectiveness of these actions and measures would be monitored during the life of the development, clearly indicating who would conduct the monitoring, how often this monitoring would be conducted, how the results of this monitoring would be recorded and reported to the Director-General, and if any non-compliance is detected; and
    (e) describe what procedures would be followed to ensure compliance.

Soil and Water Management Plan

20. [4]The Applicant shall prepare and implement a Soil and Water Management Plan (SWMP) for the whole site. This plan shall include, but not necessarily be limited to:

    (a) the measures to be implemented to minimise the potential for soil erosion and the discharge of

[4] Incorporates an EPA General Term of Approval

sediment and other pollutants to lands and/or waters during drilling activities;

(b) the measures to be implemented to mitigate the impacts of stormwater run-off from and within the site following the completion of drilling activities;

(c) demonstrate that erosion and sedimentation control measures will conform with, or exceed, the relevant requirements and guidelines contained in the Department of Housing's *Managing Urban Stormwater: Soils and Construction*;

(d) consistency with the stormwater management plan for the catchment, should one exist, or with the EPA's *Managing Urban Stormwater: Council Handbook* should a stormwater management plan for the catchment not exist;

(e) measures to rehabilitate erosion-affected areas and areas the subject of excavation, including tree, shrub and/or cover crop species and implementation; and

(f) management procedures for all surface and groundwater collection and storage structures on the site, including a maintenance program for associated infrastructure (eg. pipes, pumps, dam walls, etc.) and a program for desilting of those structures, where relevant.

Water Quality Management Plan

21. The Applicant shall prepare and implement a Water Quality Management Plan for the whole site. This plan shall include, but not necessarily be limited to:

(a) provide details of an appropriate soil sampling and monitoring program to ensure that areas used for waste water application do not lead to an unacceptable build-up of salts within the soil profile;

(b) implement a program of regular testing of waste water quality for compounds, nutrients and metals, as outlined in Table 7.8 of the EIS; and

(c) details of the well maintenance procedures to ensure the integrity of the well isolation components to prevent the cross contamination of groundwater aquifers.

Traffic Management Plan

22. The Applicant shall prepare and implement a Traffic Management Plan for the whole site. This plan shall include, but not necessarily be limited to:

    (a) Identification of the potential traffic and transport impacts associated with the development and measures to limit traffic movements in the PAL 1 area;
    (b) restrictions on the movement of heavy vehicles during school pick-up/drop-off times;
    (c) details of traffic management measures associated with the construction of pipelines within public roads; and
    (d) measures to reduce the transportation of plant material and/or dirt off site.

Vegetation and Landscape Management Plan

23. The Applicant shall prepare and implement a Vegetation and Landscape Management Plan for the whole site. This plan shall include, but not necessarily be limited to:

    (a) measures to protect mature trees as part of the well drilling or gas gathering pipeline construction activities;
    (b) details of all landscaping to be undertaken on the site;
    (c) ensure that tree and shrub species used for landscaping of the site are indigenous to the locality; and
    (d) details of a program to ensure that all landscaped areas are maintained in a tidy, healthy state.

Waste Management Plan

24. The Applicant shall prepare and implement a Waste Management Plan for the whole site. This plan shall include, but not necessarily be limited to:

    (a) measures to minimise the production and impact of waste produced at the site during drilling and operation;
    (b) implementation of waste reduction, reuse and recycling principles;
    (c) details of the reuse and recycling of waste water produced/collected on the site, including collection and handling procedures;

(d) details of appropriate disposal methods in the event that reuse and recycling are not available or are not practicable; and
(e) programs for involving and encouraging employees and contractors to minimise domestic waste production on the site and reuse/recycle where appropriate.

Site Rehabilitation Management Plan

25. The Applicant shall prepare and implement a Site Rehabilitation Management Plan for the whole site. This plan shall include, but not necessarily be limited to:

    (a) details of the staging and timing for rehabilitation works;
    (b) ongoing management strategies to ensure the success of rehabilitation works;
    (c) details of the establishment of vegetation and all landscaping to be undertaken including flora species, location of grassed areas, garden beds and other vegetated areas, and mature height and width measurements of all flora species; and
    (d) the measures to remediate sites following the decommissioning of the wells, pipelines and treatment plant.

PERFORMANCE REPORTING

Condition Report

26. The Applicant shall prepare a Condition Report on residences and structures that may be potentially affected by drilling/fraccing work, including the redrilling and refraccing of an existing well.

    The Applicant shall undertake an inspection of the residence and/or structure prior to work commencing, and a follow up inspection within one month of the completion of the work. The Applicant shall take immediate action for repair of any damage to the residence or structure as a result of the work and to avoid any further damage. A copy of the Condition Report shall be submitted to the Director-General and the DMR after completion of the work.

Incident Reporting

27. The Applicant shall notify the EPA, DMR and the Director-General of any incident with significant off-site impacts on people or the biosphere environment as soon as practicable after the occurrence of the incident. The Applicant shall provide written details of the incident to the Director-General, the EPA, DMR, Wollondilly Council and Camden Council within seven days of the date on which the incident occurred.

28. The Applicant shall meet the requirements of the Director-General to address the cause or impact of any incident, as it relates to this consent, reported in accordance with condition 27 of this consent, within such period as the Director-General may agree.

Complaints Register

29. The Applicant shall record details of all complaints received in an up-to-date Complaints Register. The Register shall record, but not necessarily be limited to:

    (a) the date and time, where relevant of the complaint;
    (b) the means by which the complaint was made;
    (c) any personal details of the complainant that were provided, or if no details were provided, a note to that effect;
    (d) the nature of the complaints;
    (e) any action(s) taken by the Applicant in relation to the complaint, including any follow-up contact with the complainant; and
    (f) if no action was taken by the Applicant in relation to the complaint, the reason(s) why no action was taken.

    The Complaints Register shall be made available for inspection by the EPA or the Director-General upon request. The Applicant shall also make summaries of the register, without details of the complainants, available for public inspection.

Risk Assessment

30. Within six months from the date of this consent, the Applicant shall submit a compliance report to the Director-General confirming that the recommendations (1 to 17) made in the Quantified Risk Assessment dated September

2000 by McCracken Consulting have been satisfactorily implemented. Where a recommendation has not been implemented or completed, justification must be provided in the compliance report.

31. Within six months from the date of this consent, the Applicant shall submit a compliance report to the Director-General confirming that the actions (1 to 66 and A to SS) arising from the HAZOP study report dated May 2001 by McCracken Consulting have been satisfactorily implemented. Where an action has not been implemented or completed, justification must be provided in the compliance report.

32. Within six months from the date of this consent, the Applicant shall submit for approval by the Director-General, a document setting out a comprehensive Safety Management System, covering all operations on site and associated transport activities involving hazardous materials. The document shall clearly specify all safety related procedures, responsibilities and policies, along with details of mechanisms for ensuring adherence to procedures. Records shall be kept on site and shall be available for inspection by the Director-General on request. The Safety Management System shall be developed in accordance with the Department of Urban Affairs and Planning's Hazardous Industry Planning Advisory Paper No. 9 "Guidelines for the Development of Safety Management Systems".

EPA Annual Return

33. [5]The applicant shall provide an Annual Return to the EPA in relation to the development as required by any licence under the POEO Act. In the return the Applicant shall report on the annual monitoring undertaken (where the activity results in pollutant discharges), provide a summary of complaints relating to the development, report on compliance with licence conditions and provide a calculation of fees (administrative fees and where relevant, load based fees) that are payable. If load based fees apply to the activity the Applicant will be required to submit load based fee calculation worksheets with the return.

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[5] Incorporates an EPA General Term of Approval

Annual Environmental Performance Reporting

34. [6]Within twelve months of the date of this consent, and annually thereafter during the life of the development, the Applicant shall submit an Annual Environmental Performance Report to the Director-General. This report shall include, but not be limited to:

    (a) the standards, performance measures and statutory requirements the development is required to comply with;
    (b) an assessment of the environmental performance of the development to determine whether it is complying with these standards, performance measures, and statutory requirements;
    (c) copy of the Complaints Register for the preceding twelve month period and indicating what actions were (or are being) taken to address these complaints;
    (d) indication of what actions were taken to address any issue and/or recommendation raised by the Community Consultative Committee;
    (e) provision of the detailed results of all the monitoring required by this consent; and
    (f) review of the results of this monitoring, identifying any non-compliance and any significant trends in the data and if any non-compliance is detected, describe what actions and measures would be carried out to ensure compliance, clearly indicating who would carry out these actions and measures, when they would be carried out, and how the effectiveness of these measures would be monitored over time.

35. The Director-General may require the Applicant to address certain matters identified in the Annual Environmental Performance Report. Any action required to be undertaken shall be completed within such period as the Director-General may agree.

36. The Applicant shall also submit a copy of the Annual Environmental Performance Report to the EPA, DMR, DLWC, Wollondilly Council and Camden Council. The Applicant shall make a copy of the Report publicly available.

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[6] Incorporates an EPA General Term of Approval

Independent Environmental Audit

37. Within two years of the date of this consent and every two years thereafter, unless the Director-General directs otherwise, the Applicant shall commission and pay the full costs of an Independent Environmental Audit. The Independent Environmental Audit shall:

    (a) be conducted by a suitably qualified, experienced, and independent person(s) whose appointment has been approved by the Director-General;
    (b) be consistent with *ISO 14010 – Guidelines and General Principles for Environmental Auditing*, and *ISO 14011 – Procedures for Environmental Auditing*, or updated versions of these guidelines/manuals;
    (c) assess the environmental performance of the development, and its effects on the surrounding environment;
    (d) assess whether the development is complying with the relevant standards, performance measures, and statutory requirements;
    (e) review the adequacy of the Applicant's Environmental Management Plan; and
    (f) recommend measures or actions to improve the environmental performance of the development, and/or its environmental management and monitoring systems.

    Within two months of commissioning the audit, the Applicant must submit a copy of the audit report to the Director-General and the EPA and the DMR. The Director-General may require the Applicant to address certain matters identified in the report and any comments received from the EPA and DMR . Any action required to be undertaken shall be completed within such period as the Director-General may agree.

ENVIRONMENTAL PERFORMANCE

Noise Limits

38. [7]The Applicant shall comply with the noise criteria specified in the table below.

[7] Incorporates an EPA General Term of Approval

Table 1 – Noise Limits (dB(A))

Location (*identified in Fig. 10.1 of the EIS*)	Day $L_{AEQ15min}$	Evening $L_{AEQ15min}$	Night $L_{AEQ15min}$
Receiver Location A	40	40	40
Receiver Locations B, C and F	37	37	37
Receiver Locations D, E and G to M	37	37	35
Any other residential receiver	35	35	35

39. [8]For the purposes of assessment of noise levels specified in this consent, noise from the development shall be:

(a) measured at the most affected point on or within the residential boundary or, where the dwelling is more than 30m from the boundary, at the most affected point within 30m of the dwelling to determine compliance with the $L_{AEQ15min}$, L_{AEQday}, $L_{AEQevening}$ and $L_{AEQnight}$ noise limits;
(b) subject to the modification factors provided in Section 4 of the *NSW Industrial Noise Policy*; and
(c) measured using the "FAST" response on the sound level meter.

40. [9]Notwithstanding condition 39 of this consent, should direct measurement of noise from the site be impractical, the Applicant may employ an alternative noise assessment method deemed acceptable by the EPA (refer to Chapter 11 of the *NSW Industrial Noise Policy*). Details of such an alternative noise assessment method accepted by the EPA shall be submitted to the Director-General prior to the implementation of the assessment method.

41. [10]All noise limits specified as part of this consent apply under:

(a) wind speeds up to 3m/s at 10 metres above ground level; and
(b) temperature inversion conditions of up to 3^{0}C/100m.

[8] Incorporates an EPA General Term of Approval
[9] Incorporates an EPA General Term of Approval
[10] Incorporates an EPA General Term of Approval

Noise – Well Maintenance

42. [11]The Applicant shall apply all feasible and reasonable noise mitigation measures to planned well maintenance activities in order to achieve the noise limits specified by this consent. Where the noise limits are not achievable the Applicant shall implement management practices as necessary to minimise the potential noise impacts. These management practices are to include, but not be limited to:

    (a) appropriately informing affected residences and other relevant parties at least two weeks in advance of any planned well maintenance activities and updating the information as required;
    (b) documenting and implementing any specific work practices the Applicant will employ to limit noise;
    (c) documenting the feasible and reasonable noise mitigation measures that will be undertaken to reduce noise impacts from planned well maintenance activities; and
    (d) conducting noise monitoring where appropriate.

Noise – Drilling Impacts

43. The Applicant shall implement management practices as necessary to minimise the potential noise impacts from drilling work at wells LB-1, LB-2 and LB-3. These management practices are to include, but not be limited to:

    (a) identifying all potentially affected noise sensitive receivers (including residences, schools, commercial premises and noise sensitive equipment) that may be affected by drilling work at these wells;
    (b) predicting potential noise levels from the proposed well drilling methods where appropriate;
    (c) identifying and implementing all reasonable and feasible noise mitigation measures to reduce any drilling noise impacts;
    (d) documenting and implementing any specific work practices the Applicant will employ to limit noise; conducting noise monitoring where appropriate; and
    (e) appropriately informing affected residences and other relevant parties at least two weeks in

[11] Incorporates an EPA General Term of Approval

advance of any drilling work at wells LB-1, LB-2 and LB-3 and updating the information as required.

Hours of Operation

44. [12]All site preparation works and construction activities and specifically those works involving the drilling of wells LB-1, LB-2 and LB-3, except where the Applicant has reached an agreement with all potentially affected residences and other noise sensitive receivers to conduct drilling works outside these hours, shall be restricted to the following times:

    (a) from 7.00am to 6.00pm, Monday to Friday inclusive;
    (b) from 8.00am to 1.00pm on Saturdays; and
    (c) at no time on Sunday or a public holiday.

45. [13]Notwithstanding condition 44 of this consent, the specified hours of operation also apply to:

    (a) planned maintenance activities at any of the wells;
    (b) planned deliveries to the treatment plant; and
    (c) planned maintenance activities at the treatment plant.

    except where the Applicant has reached an agreement with all potentially affected residences and other noise sensitive receivers, to conduct maintenance works outside these hours.

46. [14]Condition 44 of this consent does not apply to the delivery of materials outside the specified hours of operation if that delivery is required by, the police or other authorities for safety reasons, and/or the operation or personnel or equipment are endangered. In such circumstances, prior notification is provided to the EPA and affected residences as soon as possible, or within a reasonable period in the case of an emergency.

47. [15]The hours of operation specified in condition 44 of this consent may be varied with the written consent of the Director-General, if the EPA is satisfied that the amenity of the residents in the locality will not be adversely affected.

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[12] Incorporates an EPA General Term of Approval
[13] Incorporates an EPA General Term of Approval
[14] Incorporates an EPA General Term of Approval
[15] Incorporates an EPA General Term of Approval

Ray Beddoe Treatment Plant –Reduction of Noise

48. [16]The Applicant shall prepare and submit to the Department and the EPA a Pollution Reduction Program (PRP) for noise designed to meet the following levels at receiver Locations A to M (identified in Fig. 10.1 of the EIS)"

    (a) an $L_{AEQ15min}$ level of 37 dB(A) for the day time period;
    (b) an $L_{AEQ15min}$ level of 37 dB(A) for the evening period; and
    (c) an $L_{AEQ15min}$ level of 35 dB(A) for the night time period.

    These levels are to apply at the most affected point on or within the residential boundary of each nominated receiver or, where the dwelling is more than 30m from the boundary, at the most affected point within 30m of the dwelling.

49. [17]If the Applicant determines that the levels set out in condition 48 of this consent cannot be achieved after all feasible and reasonable mitigation measures have been implemented, then the Applicant is to advise the Department and EPA of the levels that can be feasibly and reasonably achieved.

50. [18]The PRP is to be submitted to the Department and the EPA within six months of the date of the consent for the development. PRP implementation is to be undertaken in the period from six months to eighteen months from the date of development consent.

51. [19]The PRP shall include a timetable for the implementation of mitigation measures. If the implementation of mitigation measures is to progress in stages, then the PRP is to specify the noise levels that will be achieved following the implementation of each intermediate stage.

Odour

52. [20]In accordance with section 129 of the *Protection of the Environment Operations Act 1997*, the Applicant shall not

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cause or permit any offensive odours to be emitted from the site. For the purposes of this condition, "offensive odour" has the same meaning as provided for by the *Protection of the Environment Operations Act 1997.*

Water Quality Impacts

53. [21]Except as may be expressly provided for by a licence under the *Protection of the Environment Operations Act 1997*, the Applicant shall comply with section 120 of the *Protection of the Environment Operations Act 1997* in carrying out the development.

Waste Water

54. Waste water from the construction, installation and operation of wells and associated infrastructure shall only be applied to the following areas:

    (a) dust suppression on any unsealed roads within PAL 1;
    (b) irrigated onto pastures within PAL 1;
    (c) evaporation dam; and
    (d) reinjection into gas wells.

    The Applicant shall prepare a detailed feasibility study of reinjection of waste water into a gas well if this method of disposal of waste water is proposed. The approval of the Director-General shall be obtained for reinjection of waste water into a gas well.

Note:	Section 120 of the *Protection of the Environment Operations Act 1997* applies to the disposal of waste water. This section refers to the pollution of waters.

55. Spray from waste water application shall not drift beyond the boundary of the waste water utilisation area to which it is applied.

56. The Applicant shall ensure that areas proposed to be used for waste water application can effectively utilise the waste water. This includes the use for pasture or crop production, as well as ensuring the soil is able to absorb the nutrients, salts, hydraulic load and organic materials

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in the liquids. The Applicant may be required to undertake monitoring of land and receiving waters to determine the impact of waste water application.

57. The Applicant shall ensure that all waste water that is used for dust suppression and/or irrigation has a salinity measure that does not exceed 800 μS/cm.

Dust

58. [22]The Applicant shall ensure that activities are carried out in a manner that will minimise the emission of dust from the site, including traffic generated dust from the site access roads.

59. The Applicant shall take all practicable measures to ensure that all vehicles entering or leaving a site, carrying a load that may generate dust, are covered at all times, except during loading and unloading. Any such vehicles shall be covered or enclosed in a manner that will prevent emissions of dust from the vehicle at all times.

60. The Applicant shall take all practicable measures to minimise the generation of wind-blown dust from soil stockpiles.

Waste

61. [23]The Applicant shall not cause, permit or allow any waste generated outside the site to be received at the site for storage, treatment, processing, reprocessing or disposal or any waste generated at the site, to be disposed of at the site, except as expressly permitted by a licence under the *Protection of the Environment Operations Act 1997.* This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the site, if it requires a licence under the *Protection of the Environment Operations Act 1997.*

62. Notwithstanding condition 61 of this consent, the Applicant may dispose of waste water generated on the site in accordance with condition 54 of this consent.

Lighting

63. The Applicant shall ensure that all external lighting associated with the development is mounted, screened

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[23] Incorporates an EPA General Term of Approval

and directed in such a manner so as to not create a nuisance to surrounding land uses. The lighting must be the minimum level of illumination necessary, and in general accordance with the *Australian Standard 4282 – 1997 Control of the Obtrusive Effects of Outdoor Lighting.*

Gas Flare

64. [24]The gas flare located at the treatment plant shall be ground-level (ie. Less than 6.1 metres in height), shrouded, provided with automatic combustion air control, automatic shut-off gas valve and automatic restart system.

Note	This condition confirms the existing gas flare structure and specifications.

Activated Carbon Filter

65. [25]The activated carbon filter on the odour control system shall be replaced prior to breakthrough occurring.

Steel Pipeline

66. The 200 mm steel pipeline shall not be operated above a pressure of 1.05 MPa.

67. The Director-General's approval shall be obtained to operate the steel pipeline pressure above 1.05 MPa. An application to operate the steel pipeline at a higher pressure shall be accompanied by:

    (a) a Final Hazard Analysis of the proposal including the entire steel pipeline and those sections of the plant where the operating pressure will be increased. The analysis shall be prepared in accordance with the Department of Urban Affairs and Planning's Hazardous Industry Planning Advisory Paper No. 6 "Guidelines for Hazard Analysis". The existing land use and compliance with NSW criteria shall be clearly demonstrated. Where further risk reduction could be required as a result of changes in land use, additional risk reduction measures shall be outlined; and

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(b) a Hazard and Operability Study for the proposal, chaired by an independent qualified person approved by the Director-General prior to the commencement of the study. The study shall be carried out in accordance with the Department of Urban Affairs and Planning's Hazardous Industry Planning Advisory Paper No. 8 "Hazard and Operability Studies".

Gas Gathering System Pipeline

68. The Applicant shall comply with the following in the construction of the gas gathering system pipeline:

    (a) excavated trenches shall not be left uncovered overnight, unless adequate fencing and warning lights are erected;
    (b) signs stating the presence of a buried gas pipeline shall be erected periodically along the length of the trench once the pipeline has been laid;
    (c) trenches are to be restored and reseeded with local grass seeds on completion of the work;
    (d) local council traffic guidelines in respect of work carried out on road verges and underneath roads shall be implemented;
    (e) the pipeline shall be constructed in accordance with the AS 3723-1989; and
    (f) the Department shall be notified on the completion of any trenching works.

LPG Storage

69. The LPG storage and handling system and procedures shall be in accordance with AS 1596-2002 and industry guidelines.

Indigenous Heritage

70. Prior to the commencement of site preparation works for the three (3) additional wellheads and the associated gas gathering system, the Applicant shall clearly indicate the locations of known aboriginal relics on the site, and ensure that all employees and contractors are aware of these locations, to prevent the known relics being impacted upon during site preparation and construction.

Cultural Heritage

71. If, during the site preparation and/or drilling phases of the development, an unexpected archaeological relic is uncovered, excavation shall cease and an excavation permit under the *Heritage Act 1977*, shall be obtained from the NSW Heritage Office.

> Note: a relic is defined under the Heritage Act as any deposit, object or material evidence:
> *(a)* which relates to the settlement of the area that comprises NSW, not being Aboriginal settlement; and
> *(b)* which are more than 50 years old.

Site Rehabilitation

72. The Applicant shall ensure the prompt and effective rehabilitation of all disturbed areas of the site following the completion of construction, operations and associated activities and/or the decommissioning of plant, to minimise the generation of wind erosion dust.

73. The Applicant shall carry out rehabilitation of the site in accordance with the requirements of the DMR and the Site Rehabilitation Management Plan.

ENVIRONMENTAL MONITORING

Land Subsidence

74. The Applicant shall implement a program to monitor any potential land subsidence effects of long term extraction of gas (and water) on the groundwater resource in the PAL 1 area. The Applicant shall consult with the DLWC over the implementation of the monitoring program. The monitoring program shall be submitted for the Director-General's approval.

Vibration Impacts

75. The Applicant shall carry out monitoring of ground vibrations from well drilling activities (including percussion drilling, casing perforation, hydrofracturing operations and air blasts), as recommended by Coffey Geosciences report titled "Camden Coalbed Methane Project Geotechnical

Impact Assessment" and dated 5 December 2001. The results of the monitoring shall be submitted to the Director-General.

Air Emissions

76. [26]For the purposes of this consent air discharge monitoring points, shall be identified as provided in Table 2 below.

Table 2 – Identification of Air Discharge Monitoring Points

Discharge Monitoring Point Identification Number	Type of Monitoring Point	Type of Discharge	Description of Location
1	Air emissions monitoring	Discharge to air	TEG reboiler exhaust *(located on the dehydrator unit as shown in Fig. 3.9 of the EIS)*
2	Air emissions monitoring	Discharge to air	Flare *(located on the southern corner of the Treatment Plant as shown in Fig. 3.9 of the EIS)*
3	Air emissions monitoring	Air	Coal seam methane gas supply to TEG reboiler *(located on the dehydrator unit as shown in Fig 3.9. of the EIS)*
4	Air emissions monitoring	Discharge to air	Odour control system exhaust *(located between the dehydrator unit and final gas filter as shown in Fig 3.9. of the EIS)*

Load Limits

77. [27]The Applicant will be required to pay load based licensing fees once a licence under the POEO Act has been issued. The licence will identify the assessable pollutants and load limits for each fee-based activity classification. These assessable pollutants will be required to be monitored and pollutant loads calculated in accordance with the EPA's Load Calculation Protocol. The assessable

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pollutants and load limits applicable to this development are given in Table 3 below.

Table 3 – Assessable Pollutant Load Limit

Assessable Pollutant	Load Limit (kg)
Benzene	Applicant to negotiate with the EPA prior to issue of the licence
Benzo (a) pyrene	Applicant to negotiate with the EPA prior to issue of the licence
Fine particles	Applicant to negotiate with the EPA prior to issue of the licence
Hydrogen sulfide	Applicant to negotiate with the EPA prior to issue of the licence
Nitrogen oxides	Applicant to negotiate with the EPA prior to issue of the licence
Sulfur oxides	Applicant to negotiate with the EPA prior to issue of the licence
VOC's	Applicant to negotiate with the EPA prior to issue of the licence

Note – An assessable pollutant is a pollutant which affects the licence fee payable for the licence. 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 pollutants in Table 3.

Testing Method – Load Limits

78. [28]Clause 17(1) and (2) of the *Protection of the Environment Operations (General) Regulation 1998* requires that monitoring of actual loads of assessable pollutants listed in Table 3 of condition 78 of this consent shall be carried out in accordance with the testing method set out in the relevant load calculation protocol for the fee-based activity classification.

Concentration Limits

79. [29]The Applicant shall ensure that the concentration of each pollutant listed in Table 4 below does not exceed the concentration limits specified for that pollutant at discharge monitoring point 1. This condition does not

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authorise the discharge or emission of any other pollutants.

Table 4 – Point 1 : Concentration Limits

Pollutant	Units of measure	100 percentile limit	Reference conditions
Nitrogen oxides	g/m^3	0.35	Dry, 273 K, 101.3 kPa, 7% O_2
Sulphuric acid mist and/or sulphur trioxide	g/m^3	0.1	Dry, 273 K, 101.3 kPa

Destruction Efficiency

80. [30]The Applicant shall ensure that each parameter listed in Table 5 below are equal to or greater than the lower limits specified for that parameter at discharge monitoring point 1.

Table 5 – Discharge Monitoring Point 1: Destruction Efficiency

Parameter	Units of measure	Lower limit	Reference conditions
Volatile organic compound (VOC) destruction efficiency	%	98	N/A

Combustion Parameters

81. [31]The Applicant shall ensure that each parameter listed in Table 6 below (over the averaging period) is equal to or greater than the lower limit specified for that parameter at discharge monitoring point 2.

Table 6 – Discharge Monitoring Point 2 : Combustion Parameter

Parameter	Units of measure	Lower limit	Averaging period
Residence time	s	0.6	Instantaneous
Temperature	^0C	760	Instantaneous

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Site Specific Emission Concentration Limit

82. [32]The Applicant shall submit a report to the EPA, which includes a site specific emission concentration limit for sulfuric acid mist and/or sulfur trioxide (as SO_3) and sulfur dioxide for discharge monitoring point 1. The date of submission of the report shall be negotiated with the EPA prior to the issue of the licence.

83. [33]The emission concentration limits shall be developed in accordance with the *Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in NSW* and utilise the ground-level concentration criteria specified in Table 7 below.

Table 7 – Site Specific Emission Concentration Limit

Pollutant	Design Ground-Level Concentration Criteria (ug/m^3)	Averaging Time	Percentile
Sulfuric acid mist and/or sulfur trioxide (as SO_3)	27	3 minutes	99.9
Sulfur dioxide	712	10 minutes	100
	570	1 hour	100

Monitoring Records

84. [34]The Applicant shall record and retain the details of any monitoring required as a condition of this consent or a licence under the POEO Act, in relation to the development or in order to comply with the load calculation protocol.

85. [35]The monitoring required under this consent for the concentration of a pollutant emitted to the air, shall be carried out in accordance with:

(a) any methodology which is required under the POEO Act to be used for the testing of the concentration of the pollutant; or
(b) if no such requirement is imposed by or under the POEO Act or by the consent or a condition of the

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licence or the protocol (as the case may be) requires to be used for that testing; or

(c) if no such requirement is imposed by or under the POEO Act or by the consent or a condition of the licence or the protocol (as the case may be), any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

Note:	The *Clean Air (Plant and Equipment) Regulation 1997* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "*Approved Methods for the Sampling and Analysis of Air Pollutants in NSW*".

86. [36]All records required to be kept by the licence shall be:

(a) in a legible form, or in a form that can readily be reduced to a legible form;
(b) kept for at least four 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.

87. [37]The following records shall be kept in respect of any samples required to be collected:

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

Requirement to Monitor Concentrations of Pollutants Discharged

88. [38]The Applicant shall determine the relevant pollutant concentrations and emission parameters specified in Table 8 below, at the discharge monitoring points indicated and employing the sampling and analysis method specified. All relevant pollutant concentrations and emission parameters for each discharge monitoring point shall be determined concurrently and at the frequency specified in the table. The discharge monitoring points are specified in condition 76 of this consent.

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[38] Incorporates an EPA General Term of Approval

Table 8 – Discharge Monitoring Point Pollutant and Parameter Monitoring

Pollutant	Discharge Monitoring Point	Unit of Measure	Frequency	Sampling Method
carbon dioxide in stack gases	1 and 3	%	Annual	TM-24
carbon monoxide	1	ppm	Annual	OM-1
dry gas density	1 and 3	kg/m^3	Annual	TM-23
moisture content in stack gases	1 and 3	%	Annual	TM-22
molecular weight of stack gases	1 and 3	g/gmole	Annual	TM-23
nitrogen oxides	1	g/m^3	Annual	TM-11
oxygen in stack gases	1 and 3	%	Annual	TM-25
sulfur dioxide	1	g/m^3	Annual	TM-4
sulfuric acid mist and/or sulfur trioxide	1	g/m^3	Annual	TM-3
temperature	1 and 3	^0C	Annual	TM-2
	2	^0C	Continuous	TM-2
tertiary butyl mercaptan	4	Note[1]	Note[1]	Note[1]
velocity	1 and 3	m/s	Annual	TM-2
volatile organic compounds (VOC)	1 and 3	ppm	Annual	OM-2
volumetric flow rate	1 and 3	m^3/s	Annual	TM-2
	2	m^3/s	Continuous	CEM-6

Note[1] : Units of measure, frequency and sampling method to be approved by the EPA in writing.

89. [39]The selection of sampling positions is to be carried out in accordance with test method TM-1.

Community Consultative Committee

90. [40]The Applicant shall establish a Community Consultative Committee to oversee the environmental performance of the development. This Committee shall:

(a) be chaired by an independent chairperson approved by the Director-General in consultation with the Applicant, Wollondilly Council and Camden Council;

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(b) have four community representatives residing in the PAL 1 area;
(c) have one representative from each council;
(d) two representatives appointed by the Applicant (including the environmental officer);
(e) two (2) representatives from a recognised environmental group;
(f) meet at least quarterly;
(g) take minutes of the meeting; and
(h) make comments and recommendations about the implementation of the development and environmental management plans, monitor compliance with conditions of this consent and other matters relevant to the operation of the development during the term of the consent.

Representatives from relevant government agencies or other individuals may be invited to attend meetings as required by the Chairperson.

91. [41]The Applicant shall :

(a) provide the Committee with regular information on the environmental performance and management of the development;
(b) ensure that the Committee has reasonable access to the necessary plans to carry out its functions;
(c) consider the recommendations and comments of the Committee and provide a response to the Committee and Director-General;
(d) provide access for site inspections by the Committee;
(e) make the minutes available for public inspection at Camden and Wollondilly Councils within fourteen days of the Committee meeting, or as agreed by the Committee; and
(f) forward a copy of the minutes of each Committee meeting, and any responses to the Committee's recommendations to the Director-General and the DMR within a month of the Committee meeting.

92. If required by the Committee, the Applicant shall establish a trust fund or other funding arrangement that may be agreed between the Applicant and Committee, to be managed by the Chair of the Committee to facilitate the functioning of the Committee, and pay $5000 per annum to the fund or other arrangement, for the duration of

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operation in the PAL 1 area, or as otherwise directed by the Director-General.

The monies are to be used only if required for the engagement of consultants to interpret technical information and the like. The annual payment shall be indexed according to the Consumer Price Index (CPI) at the time of payment. The first payment shall be made by the date of the first Committee meeting. A record of the finances of the trust fund during each year shall be provided to the Director-General and Applicant by the Chair on each anniversary of the first payment. Any unspent monies shall be returned to the Applicant each year.

SCHEDULE 4

MANDATORY CONDITIONS FOR ALL EPA LICENCES

ADMINISTRATIVE CONDITIONS

Other activities

(To be used on licences with ancillary activities)
This licence applies to all other activities carried on at the premises, including:

- Gas wells and gathering system.

OPERATING CONDITIONS

Activities must be carried out in a competent manner

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.

Maintenance of plant and equipment

- 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.

MONITORING AND RECORDING CONDITIONS

Recording of pollution complaints

- 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.

- 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.

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

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

Telephone complaints line

- 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.
- 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.
- This condition does not apply until 3 months after this condition takes effect.

REPORTING CONDITIONS

Annual Return documents

- What documents must an Annual Return contain? 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.

Period covered by Annual Return

- An Annual Return must be prepared in respect of each reporting, 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.

- 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.

- 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.

Deadline for Annual Return

- 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').

Notification where actual load can not be calculated

(Licences with assessable pollutants)

- 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.

Licensee must retain copy of Annual Return

- 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.

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

- 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.
- A person who has been given written approval to certify a Statement 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 this licence.

Notification of environmental harm

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

- Notifications must be made by telephoning the EPA's Pollution Line service on 131 555.
- The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.

Written report

- 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.
- 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.
- 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; and
  (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.

- 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.

GENERAL CONDITIONS

Copy of licence kept at the premises or on the vehicle or mobile plant

- A copy of this licence must be kept at the premises or on the vehicle or mobile plant to which the licence applies.
- The licence must be produced to any authorised officer of the EPA who asks to see it.
- The licence must be available for inspection by any employee or agent of the licensee working at the premises or operating the vehicle or mobile plant.