Development Consent

Section 80 of the *Environmental Planning & Assessment Act 1979*

I, the Minister for Planning, under Section 80 of the *Environmental Planning and Assessment Act 1979*, determine the development application ("the Application") referred to in Schedule 1 by granting consent subject to the conditions set out in Schedule 2 (DA-75-4-2005).

The reason for these conditions is to:

- Prevent and minimise any adverse environmental impacts associated with the construction and operation of the development; and
- Provide for the on-going environmental management of the development.

Blue type represents the July 2007 modification
Red type represents the January 2010 modification
Green type represents the April 2011 modification

Frank Sartor MP
Minister for Planning

Sydney, 7 October 2005 File No. S02/02299

SCHEDULE 1

Development Application:	DA 75-4-2005
Applicant:	Sydney Gas (Camden) Operations Pty Ltd
Consent Authority:	Minister for Planning
Land:	Lot 2 DP 842735 (Wells SL1, SL2, SL3, SL5, SL08 and SL09, gas gathering system and access roads) Lot 3 DP 1007066 (Wells SL4, SL6, SL7, gas gathering system and access roads) Lot 2 DP 717439 (gas gathering system and access roads) Lot 3 DP 622362 (gas gathering system) Lot 58 DP 632328 (gas gathering system) Lot 200 DP 1046336 (access roads) Lot 12 DP 249530 (underbore from Lot 8 DP 249530, gathering line and underbore of Hume Highway and Menangle Rd) Lot 2 DP 842735 (underbore from Lot 12 DP 249530)
Proposed Development:	The Project includes: • Construction and drilling of 9 wells, including 2 Surface to in-seam wells (SL08 and SL09) at SL03; • Construction of a gas gathering system and access roads; • Connection of the wells to the Stage 2 Camden Gas Project – Gas Treatment Plant; and • Production of methane gas.
State Significant Development:	The proposed development is State significant development by virtue of a Declaration made by the Minister for Infrastructure and Planning on 4 January 2005 under Section 76A of the *Environmental Planning and Assessment Act 1979*.
Integrated Development:	The proposal is classified as integrated development under Section 91 of the Environmental Planning and Assessment Act 1979, as it requires additional approvals under the: • *Heritage Act 1977;* • *National Parks and Wildlife Act 1974;* • *Protection of the Environment Operations Act 1997;* and • *Rivers and Foreshores Improvement Act 1948.*

Notes:

- *To find out when this consent becomes effective, see Section 83 of the Act;*
- *To find out when this consent is liable to lapse, see Section 95 of the Act; and*
- *To find out about appeal rights, see Section 97 of the Act.*

SCHEDULE 2

DEFINITIONS

Council	Campbelltown City Council
The Department	The Department of Planning and Infrastructure
The Director-General	The Director-General of the Department of Planning and Infrastructure, or delegate
OEH	Office of Environment and Heritage
SIS	Surface to in-seam
Site	Land to which the Development Application applies

ADMINISTRATIVE CONDITIONS

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) Development Application submitted to the Department on 18 April 2005;
   (b) *"Statement of Environmental Effects – Camden Gas Project, Sugarloaf Farm Drilling Program, PPL4"* Sydney Gas (Camden) Operations Pty Ltd, dated March 2005;
   (c) Letter from Sydney Gas (Camden) Operations Pty Ltd to the Department dated, 15 May 2005, amending the application to include the link between SL6 and RP3;
   (d) Letter from Sydney Gas (Camden) Operations Pty Ltd to the Department, dated 20 May 2005, amending the application to relocate SL5;
   (e) Letter from Sydney Gas (Camden) Operations Pty Ltd to the Department, dated 30 May 2005, providing a response to general public submissions;
   (f) Letter from Sydney Gas (Camden) Operations Pty Ltd to the Department, dated 17 June 2005,, about the access roads;
   (g) Letter from Sydney Gas (Camden) Operations Pty Ltd to the Department of Environment and Conservation, dated 10 June 2005, about Aboriginal heritage issues;
   (h) Letter from Sydney Gas (Camden) Operations Pty Ltd to the Department, dated 11 July 2005, showing the updated plan of Aboriginal and archaeological assessment areas;
   (i) Modification Application MOD 29-3-2007 and "*Camden Gas Project Joint Venture Gas Well and Gathering Line Modification Project Statement of Environmental Effects",* dated March 2007;
   (j) Modification Application DA 75-4-2005 MOD 2 and letter dated 18 December 2009;
   (k) EA titled "*Spring Farm and Menangle Park Gas Gathering System Modifications – Gas gathering line MP22 to SL02*" prepared by AGL Gas Production (Camden) Pty Ltd, and dated 7 December 2010; and
   (l) conditions of this approval.

   If there is any inconsistency between the above documents, the latter document shall prevail over the former to the extent of the inconsistency. However, the conditions of this consent shall prevail over all other documents to the extent of any inconsistency.

3. The Applicant shall comply with any reasonable requirement/s of the Director-General arising from the Department's assessment of:
   (a) Any reports, plans or correspondence that are submitted in accordance with this consent; and
   (b) The implementation of any actions or measures contained in these reports, plans or correspondence.

Limits on Approval

4. This approval shall lapse within 21 years of the date of this consent or on the expiry date of Petroleum Production Lease No. 4, whichever is the shorter period.

5. Nothing in this consent permits the drilling and operation of any additional wells (beyond the approved 9 wells for gas production).

6. If after five 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.

7. The access road near SL7 shall only be used in an emergency.

[1] Incorporates a OEH and Heritage Council general term of approval

Administration

8. [2]Construction shall not commence until the Applicant has obtained a Part 3A Permit under the *Rivers and Foreshores Improvement Act 1948,* a Licence from the OEH under the *Protection of the Environment Operations Act 1997,* and an approval under section 60 of the *Heritage Act 1977* from the NSW Heritage Council.

> Note: The *Rivers and Foreshore Improvement Act 1948* applies to the proposed development and therefore any excavation, removal of material from the bank, shore or bed of any stream, estuary or lake, or land within 40 metres from the top of the bank will require a Part 3A Permit.

9. [3]An application must be made to the OEH under section 90 of the *National Parks and Wildlife Act 1974* for approval to destroy the known objects at Sugarloaf Farm Site 1 (Locale 5) and Sugarloaf Farm Site 5.

10. [4]The Applicant must, in the opinion of the OEH 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.

11. [5]The premises for the purposes of the Licence under the *Protection of the Environment Operations Act 1997,* includes the gas gathering system, access roads and gas wells and any associated effluent storages, temporary work areas and infrastructure associated with the gas gathering systems, access roads and gas wells.

12. [6]The premises also applies to the gas well heads consisting of the area bounded by the fenced enclosure during gas well operation. During well establishment, the premises have a nominal area of 100 metres X 70 metres and is surrounded by fencing. At various times during well head maintenance, the premises at the gas well head comprises an area of dimensions 25 metres X 25 metres.

13. The Applicant must provide Council with the Geographical Positioning System (GPS) co-ordinates and digital survey data for the gas well sites and gas gathering system in a format suitable to the Council, within two months of the completion of the gas wells and gas gathering system.

14. The Applicant shall provide Council with the wellhead configurations of each gas well within two months of the gas well being completed or two months from the date of this consent, whichever is the later.

15. The Applicant shall provide written notification to the Director-General that it has fulfilled the requirements of Conditions 13 and 14, within two weeks of the information being provided to the Council.

ENVIRONMENTAL PERFORMANCE CONDITIONS

Activities Must be Carried out in a Competent Manner

16. [7]The development must be carried out in a competent manner. This includes:
    - The processing, handling, movement and storage of materials and substances used to carry out the activity; and
    - The treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

Maintenance of Plant and Equipment

17. [8]All plant and equipment installed at the premises or used in connection with the development must be maintained and operated in a proper and efficient condition.

Noise Limits

18. [9]Noise from the operation of the development shall not exceed the sound pressure level (noise) limits presented in the Table below:

---

[2] Incorporates a DP&I and Heritage Council general term of approval
[3] Incorporates a OEH general term of approval
[4] Incorporates a OEH general term of approval
[5] Incorporates a OEH general term of approval
[6] Incorporates a OEH general term of approval
[7] Incorporates a OEH general term of approval
[8] Incorporates a OEH general term of approval
[9] Incorporates a OEH general term of approval

Location	Day	Evening	Night	
	$L_{Aeq\ (15\ minute)}$	$L_{Aeq\ (15\ minute)}$	$L_{Aeq\ (15\ minute)}$	$L_{A1\ (1\ minute)}$
Any residential premise	35	35	35	45

Notes

- The limits represent the sound pressure level (noise) contribution, at the nominated receiver locations in the table.
- Day is defined as the period from 7.00am to 6.00pm Monday to Saturday and 8.00am to 6.00pm Sundays and Public Holidays.
- Evening is defined as the period from 6.00pm to 10.00pm.
- Night is defined as the period from 10.00pm to 7.00am Monday to Saturday and 10.00pm to 8.00am Sundays and Public Holidays.
- Noise from the site is to be measured at the most affected point within the residential boundary, or at the most affected point within 30 metres of the dwelling where the dwelling is more than 30 metres from the boundary to determine compliance with the noise limits set out in the table.
- Noise from the premises is to be measured at 1 metre from the dwelling facade to determine compliance with the $L_{A1\ (1\ minute)}$ noise level in the table.
- Where it can be demonstrated that direct measurement of noise from the premises is impractical, the OEH may accept alternative means of determining compliance (see Chapter 11 of the *NSW Industrial Noise Policy.*
- The modification factors presented in section 4 of the *NSW Industrial Noise Policy* shall also be applied to the measured noise level where applicable.
- The noise emission limits identified in the table apply under meteorological conditions of wind speed up to 3m/s at 10 metres above ground level, and temperature inversion conditions*.*

Construction Noise Criteria for SIS Wells

18A. Noise from the drilling and construction of SL08 and SL09 shall not exceed the sound pressure level (noise) limits in the table below:

Receiver Location	**Weekday** (7.00am-6.00pm) **Saturday** (7.00am-1.00pm)	**Saturday** (1.00pm-6.00pm) **Sunday** (7.00am-6.00pm)	**Evening** (6.00pm-10.00pm)	**Night** (10.00pm-7.00am)
Nearest Receiver	54	44	47	41

19. [10] The Applicant shall prepare and implement a Construction Noise Management Protocol for construction of the development. The Protocol shall be submitted for the approval of the OEH and the Director-General at least one week prior to commencement of construction. The Protocol must include but is not limited to:
    (a) Compliance with the noise criteria in Condition 18A during all construction activities, when assessed at sensitive locations including residences and schools;
    (b) Details of the proposed drill rig focussing on the noise emission characteristics for all phases of well establishment, including percussion drilling, setting and casing, and fracturing;
    (c) Identification of sensitive receivers likely to be impacted by noise levels exceeding the noise goal in (a) above;
    (d) Details of proposed best practice mitigation measures to seek achieve the noise goal in (a) above;
    (e) The consideration of best practice mitigation required in (d) above must include but is not necessarily limited to optimum orientation of drill rigs and temporary barriers;
    (f) Community consultation including advance notice of commencement of construction activities and site contact details;
    (g) A system to receive, document, respond, action and monitor complaints; and
    (h) Monitoring methods and program.

20. [11]At least one month prior to operation of the development the Applicant shall prepare and submit for the Director-General's approval, a Well Gathering System and Trunk Line Maintenance Noise

[10] Incorporates a OEH general term of approval
[11] Incorporates a OEH general term of approval

Management Protocol to be used for the premises for the life of the consent. The Protocol shall include but is not limited to:

(a) A primary objective of attaining the noise limits in condition 18;
(b) Community consultation;
(c) Advance notice to affected members of the community for planned well maintenance activities;
(d) Complaints handling monitoring system;
(e) Mitigation measures;
(f) The design/orientation of the proposed mitigation methods demonstrating best practice;
(g) Construction times;
(h) Contingency measures where noise complaints are received; and
(i) Monitoring methods and programs.

Hours of Operation

21. The Applicant shall ensure that all construction work (except for the drilling (including well casing and grouting) of SIS wells), shall only be conducted between 7.00am and 6.00pm Monday to Friday and between 8.00am and 1.00pm Saturdays, unless inaudible at any residential receiver.

Note: Inaudible means that the construction activity cannot be heard by the human ear at the nearest affected residential receiver.

22. [12]Planned maintenance activities at any of the wells must only be conducted between:
(a) 7.00 am to 6.00 pm on weekdays; and
(b) 8.00am and 1.00pm on Saturdays (excluding Public Holidays)

Note: This condition does not apply to the delivery of material outside the hours of operation under condition 21 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 is to be provided to the OEH and affected residents as soon as possible, or within a reasonable period in the case of an emergency.

Air Quality

23. [13]The Applicant shall carry out the development in a manner that will minimise emissions of dust from the site.

Note: The *Protection of the Environment Operations Act 1997* states that no offensive odour may be emitted from particular premises unless potentially offensive odours are identified in the Licence and the odours are emitted in accordance with conditions specifically directed at minimising the odours are permitted. Where it is appropriate for a Licence to identify and control odours, conditions for the Licence should be developed in consultation with Air Policy.

Water

24. [14]Except as may be expressly provided by a Licence, the Applicant shall comply with section 120 of the *Protection of the Environment Operations Act 1997* during the carrying out of the development.

Note: Section 120 of the *Protection of the Environment Operations Act 1997* applies to the disposal of wastewater.

Stormwater/Sediment Control

25. [15]At least one week prior to the commencement of construction, the Applicant shall submit for the approval of the Director-General, an Erosion and Sediment Control Plan. The Plan must be implemented and used for the duration of all construction activities associated with the development. The Plan must describe the measures that will be employed to minimise soil erosion and the discharge of sediment and other pollutants to land and/or waters during construction activities. The Plan should be prepared in accordance with the requirements for such plans outlined in Landcom's *Managing Urban Stormwater: Soils and Construction.*

Waste

[12] Incorporates a OEH general term of approval
[13] Incorporates a OEH general term of approval
[14] Incorporates a OEH general term of approval
[15] Incorporates a OEH general term of approval

26. [16] The Applicant must 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*.

> Note: this condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the site if it requires an environment protection licence under the *Protection of the Environment Operations Act 1997*.

27. The Applicant must ensure that any hazardous, industrial or Group A waste is assessed and classified in accordance with the DECCW's Environmental Guidelines: "Assessment Classification and Management of Liquid and Non-Liquid Wastes".

Safety and Risk Management

28. Prior to construction of the wellhead, the Applicant shall provide a Report to the Department from an independent and suitably qualified person approved by the Director-General, to confirm that the design and operation of the wellhead complies with the Department's *Locational Guidelines - Development in the Vicinity of Operating Coal Seam Methane Wells* (May 2004) for an Automatically Controlled Well (with Separator/Optional Pump). In particular, the Report shall confirm that all safety related systems required by the Guidelines have been included.

29. The Applicant shall develop and implement an Emergency Plan and Safety Management System for the development. The plan/system shall be submitted for the approval of the Director-General, at least one month prior to the commissioning of the development, or within such further period as the Director-General may agree. Commissioning shall not commence until the Director-General has approved the plan/system.
    (a) Emergency Plan
        A comprehensive emergency plan and detailed emergency procedures for the development shall be prepared in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 1, "Industry Emergency Planning Guidelines". The plan shall include detailed procedures for the safety of all people outside of the development who may be at risk from the development.
    (b) Safety Management System
        A document setting out a comprehensive safety management system, covering all operations on the gas wells and gathering system shall be developed in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 9, "Safety Management". 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 made available for inspection by the Director-General and the independent auditor upon request. In particular records shall be maintained to demonstrate that management of change procedures were followed for the connection of the new gas lines to the existing network and for the integration of the new wells into the automatic control system.

> Note: The Applicant may update the current approved version of the relevant study/plan/system prepared to comply with Schedule 4 Condition 92 of development consent DA-282-6-2003-i, dated 16 June 2004. The updated version shall incorporate and adequately address the relevant aspects of the additional wells and related plant.

Compliance Report

30. Three months after commencement of operation of the development, the Applicant shall submit to the Director-General a compliance report detailing compliance with Condition 29, including:
    (a) Dates of study/plan/system completion/submission and commencement of construction and commissioning;
    (b) Actions taken or proposed, to implement recommendations made in the studies/plans/systems; and
    (c) Responses to any requirement imposed by the Director-General under Condition 32.

    This report shall verify that:
    (a) The Emergency Plan required under Condition 29(a) is effectively in place and that at least one emergency exercise has been conducted; and
    (b) The Safety Management System required under Condition 29(b) has been fully implemented and that records required by the system are being kept.

    The report shall include a signed commitment by the Applicant's representative responsible for the operation of the development, that for each study/plan/system:
    (a) The required study/plan/system has been undertaken or prepared to the relevant Hazardous Industry Planning Advisory Paper;

[16] Incorporates a OEH general term of approval

(b) All recommendations of each study/plan/system have been implemented; and
(c) All safety management system and their associated risk controls have been implemented and are being maintained.

Hazard Audit

31. Twelve months after the commencement of operations of the proposed development or within such further period as the Director-General may agree, the Applicant shall carry out a comprehensive hazard audit of the development and within one month of the audit submit a report to the Director-General.

The audit shall be carried out at the Applicant's expense by a duly qualified independent person or team approved by the Director-General prior to commencement of the audit. Further audits shall be carried out every three years or as determined by the Director-General and a report of each audit shall, within one month of the audit, be submitted to the Director-General. Hazard audits shall be carried out in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 5, "Hazard Audit Guidelines".

> Note: The Applicant may include the three yearly hazard audit of the development with the Hazard Audit required under Schedule 4 Condition 95 of development consent DA-282-6-2003-i, dated 16 June 2004. The due date for a combined audit shall be the earlier of the due dates for the separate audits.

32. The Applicant shall comply with all reasonable requirements of the Director-General in respect of the implementation of any measures arising from recommendations of the studies or reports referred to in Conditions 28 to 31 inclusive, within such time as the Director-General may agree.

Redrilling and Fraccing Management Plan

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

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

34. The Applicant shall prepare a Redrilling and Fraccing Management Plan in consultation with the Department of Primary Industries for the 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 52;
(d) Compliance with all the relevant environmental performance requirements of this consent; and
(e) Arrangements for complaints handling procedures during the redrilling and/or refraccing work.

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

Gas Gathering System

36. The Applicant shall ensure that the route of the gas gathering system follows previously or currently disturbed areas wherever possible.

37. The Applicant shall ensure that trenches constructed during the construction of gas gathering lines are not left open overnight unless otherwise agreed by the Director-General.

38. The Applicant shall comply with the following in the construction of the gas gathering system pipeline:
(a) 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;
(b) Trenches are to be restored and reseeded with local grass seeds on completion of the work;
(c) Construct the gas gathering system so as not to impeach lateral water flows;

(d) Ensure that no crown or camber remains along the gas gathering systems, following construction;
(e) Design, construct and operate the pipeline in accordance with the Australian Standard for the installation and maintenance of Plastic Pipe Systems for Gas AS 3723-1989 (or its latest version); and
(f) Notify the Department on the completion of any trenching works.

Flora and Fauna

39. The Applicant shall take all practicable measures to minimise potential flora and fauna impacts of the development.

40. The Applicant shall not remove mature trees as part of this development unless otherwise agreed by the Director-General.

41. The Applicant shall prepare a translocation strategy for the threatened Cumberland Plain Snail, which will be submitted for the Director-General's approval prior to construction. The translocation strategy shall be implemented should any individuals or populations of the Cumberland Plain Snail be identified.

42. The Applicant shall prepare and implement a Weed Management Plan for the site for the life of the development. The Applicant shall submit the Weed Management Plan for the Director-General's approval within one month of the date of this consent.

Threatened Species

42A The Applicant shall ensure that, during the drilling and construction of SL08 and SL09, impacts on threatened species are minimised by implementing actions including, but not limited, to the following:
(a) The recommendations outlined in Sections 6 and 7 of the Ecosearch Environmental Consultants Pty Ltd report titled "*Flora and Fauna Assessment, AGL –Gas Well and Gathering Line Project Modifications";* and
(b) Marking the boundaries of endangered ecological communities (EECs) and locations of other known threatened species and, where possible, avoiding construction activities within these areas.

Bushfire Management

43. The Applicant shall:
(a) Ensure that the development is suitably equipped to respond to any fires on the site; and
(b) Assist the Rural Fire Service and emergency services as much as possible if there is a fire on the site.

44. Prior to operation the Applicant shall prepare a Bushfire Management Plan for the development, to the satisfaction of the Director-General. The Applicant shall consult with Council and the Rural Fire Service in the preparation of the Plan.

Note: The Applicant may update the current approved version of the Bushfire Management Plan prepared to comply with Schedule 4 Condition 110 of development consent DA-282-6-2003-i, dated 16 June 2004. The updated version shall incorporate and adequately address the relevant aspects of the additional wells and related gas gathering system.

Heritage

45. [17]The Applicant must ensure that should any historical relics be uncovered, excavation or disturbance of the area is to stop immediately and the Heritage Council of NSW is notified within a reasonable time of the discovery or location of these relics. Archaeological assessment and approval, or endorsement, may be required prior to works continuing in the affected area(s) based on the nature of the discovery.

46. [18] An Interpretation Study being prepared to the satisfaction of the Director, Heritage Office and executed by the Applicant within 6 months of the date of this approval.

Aboriginal Relics

47. [19]The Applicant must ensure that should any Aboriginal objects be uncovered, excavation or disturbance of the area is to stop immediately and the OEH is to be informed in accordance with section 91 of the *National Parks and Wildlife Act 1974.*

[17] Incorporates a Heritage Council general term of approval
[18] Incorporates a Heritage Council general term of approval
[19] Incorporates a Heritage Council general term of approval

48. Prior to the commencement of construction, the Applicant shall clearly mark the locations of known Aboriginal relics on the site (using flags, fencing or other appropriate method) and ensure that all employees and contractors are aware of these locations, to prevent the known relics being impacted or disturbed during site preparation and construction.

Sydney Water Supply Canal

49. The Applicant shall carry out the construction and operation of the development in a manner that will not adversely affect the structural integrity of the Upper Canal and associated structures nor impact the quality of water in the Upper Canal. The Applicant shall be responsible for ensuring that all persons involved in the development are informed of these requirements.

50. The Applicant shall comply with the requirements in Sydney Water's *Guidelines on Precautions to be taken when Building Over or Adjacent to Sydney Water's Assets.*

ENVIRONMENTAL MANAGEMENT AND MONITORING

Construction Environmental Management Plan (CEMP)

51. The Applicant shall prepare and implement a Construction Environmental Management Plan (CEMP) to provide environmental management, practices and procedures to be followed during the construction phases of the proposed development. A framework plan outlining key practices, procedures and environmental management practices should be approved by the Director-General prior to the commencement of construction.

> Note: The Applicant may update the current approved version of the CEMP prepared to comply with Schedule 5 Condition 1 of development consent DA-282-6-2003-i, dated 16 June 2004. The updated version shall incorporate and adequately address the relevant aspects of the additional wells and related plant.

Operational Environmental Management Plan (OEMP)

52. The Applicant shall prepare and implement an Operational Environmental Management Plan (OEMP) to provide environmental management practices and procedures to be followed during the operation of the development. The OEMP shall be forwarded to the Director-General for approval within one month of the date of this consent. The OEMP 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 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; and
    (e) Management policies to ensure that environmental performance goals are met and to comply with conditions of this consent.

> Note: The Applicant may update the current approved version of the OEMP prepared to comply with Schedule 5 Condition 2 of development consent DA-282-6-2003-i, dated 16 June 2004. The updated version shall incorporate and adequately address the relevant aspects of the additional wells and related plant.

Annual Return

53. [20]The Applicant shall provide an annual return to the OEH in relation to the development as required by any Licence under the *Protection of the Environment Operations Act 1997* in relation to the development. In the return the Applicant must 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 licence fees (administrative fees and where relevant, load based fees) that are payable.

Annual Environmental Performance Reporting

[20] Incorporates a OEH general term of approval

54. 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 Camden Gas Project's Community Consultative Committee;
  (e) Provision of the detailed results of all the monitoring required by this consent;
  (f) Identify any non-compliance during the year;
  (g) Identify any significant trends in the data; and
  (h) 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.

> Note: The Applicant may include the operation of wells SL1 – 9 and the associated gas gathering system and the conditions of this consent, in the Annual Environmental Performance Report required under Schedule 5 Condition 5 of development consent DA-282-6-2003-i, dated 16 June 2004.

55. 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.

56. The Applicant shall also submit a copy of the Annual Environmental Performance Report to the OEH, Department of Primary Industries and Campbelltown City Council. The Applicant shall make a copy of the Report publicly available.

Independent Environmental Audit – Construction at Sugarloaf Farm

57. On completion of all construction works, the Applicant shall commission and pay the full costs of an Independent Environmental Audit of the drilling and fraccing of gas wells and construction of the gas gathering system and access roads on the site. The objective of the audit is to monitor the performance and effect of construction activities on the site. 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; and
  (b) Be consistent with ISO 19011:2002 - Guidelines for Quality and/ or Environmental Management Systems Auditing, or updated versions of these guidelines/manuals.

  The Audit shall:
  (a) Assess the environmental performance of the construction of the development on the site, and its effects on the surrounding environment;
  (b) Assess whether the development is complying with the relevant standards, performance measures, and statutory requirements;
  (c) Consider the Applicant's proposed Construction Environmental Management Plan; and
  (d) Recommend measures or actions to improve the environmental performance of the construction of the development, and/or its environmental management and monitoring systems (if required).

  Within one month of completion of the audit, the Applicant must submit a copy of the audit report to the Director-General and the NSW Heritage Office. The Director-General may require the Applicant to address certain matters identified in the report and any comments received from the NSW Heritage Office. Any action required to be undertaken shall be completed within such period as the Director-General may agree.

Independent Environmental Audit – Operation

58. 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 19011:2002 - Guidelines for Quality and/ or Environmental Management Systems 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.

> Note: The Applicant may include the operation of wells SL1 – 9 and the associated gas gathering system and the conditions of this consent, in the Independent Environmental Audit required under Schedule 5 Condition 10 of development consent DA-282-6-2003-i, dated 16 June 2004.

Complaints Register

59. [21]The Applicant shall keep a legible record of all complaints made to the applicant or any employee or agent of the Applicant in relation to pollution arising from any activity of the development. The Register must:
(a) Record the date and time of the complaint;
(b) Record the method by which the complaint was made;
(c) Note any personal details of 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 applicant in relation to the complaint, including any follow-up contact with the complainant; and
(f) State, if no action was taken by the Applicant, 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, and must be produced to any authorised officer of the OEH or the Department who asks to see them.

60. [22]The Applicant must:
(a) 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 on the site or by the vehicle or mobile plant, unless otherwise specified in the Licence; and
(b) 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.

Community Liaison

61. [23] The Applicant shall ensure the continuation of the existing Sydney Gas Operations Camden Project Community Consultative Committee to oversee the environmental performance of the development.

[21] Incorporates a OEH general term of approval
[22] Incorporates a OEH general term of approval
[23] Incorporates a OEH general term of approval