

Project Approval

Section 75J of the *Environmental Planning and Assessment Act 1979*

I, the Director General, in accordance with the Instrument of Delegation issued by the Minister for Planning on 4 March 2009, pursuant to section 75J of the *Environmental Planning and Assessment Act 1979* determine to approve the project referred to in Schedule 1 in the manner set out in Schedule 2.

These conditions are required to:

- prevent, minimise, and/or offset adverse environmental impacts;
- set standards and performance measures for acceptable environmental performance;
- require regular monitoring and reporting; and
- provide for the ongoing environmental management of the project.


Director General
Department of Planning
As delegate for the Minister for Planning

Sydney 24th July 2009

File No: S08/00496

SCHEDULE 1

Application No:	08_0061
Proponent:	Macquarie Generation
Approval Authority:	Minister for Planning
Land:	Land required for the construction and operation of the proposal within the Muswellbrook and Singleton Local Government Areas.
Project:	Construction and operation of an approximately 51 kilometre gas supply pipeline and associated infrastructure to transport coal seam gas obtained from Hunter Valley coal mines to the Liddell Power Station for use as a supplementary fuel for electricity generation at the power station.
Major Project:	The project is development of a kind that is described in Schedule 1 of the <i>State Environmental Planning Policy (Major Projects) 2005</i> – namely clause 26A being "Development for the purposes of a pipeline in respect of which a licence is required under the <i>Pipelines Act 1967</i> ", and is thus declared to be a project to which Part 3A of the <i>Environmental Planning and Assessment Act 1979</i> applies for the purpose of section 75B of that Act.

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SCHEDULE 2

Act, the	<i>Environmental Planning and Assessment Act, 1979</i>
Conditions of Approval	The Minister's conditions of approval for the project.
Construction	All pre-operation activities associated with the project other than survey, acquisitions, fencing, investigative drilling or excavation, building/road dilapidation surveys or other activities determined by the Environmental Representative to have minimal environmental impact such as minor access roads, minor adjustments to services / utilities, establishing temporary construction sites (in accordance with the requirements of this project approval), or minor clearing (except where threatened species, populations or ecological communities would be affected).
Councils	Muswellbrook Shire Council and Singleton Council
DECC	NSW Department of Environment and Climate Change
Department, the	Department of Planning
Director-General, the	Director-General of the Department of Planning (or delegate).
Director-General's Approval/ Agreement or to the satisfaction of the Director-General	A written approval from the Director-General (or delegate).
DPI	Department of Primary Industries
Dust	Any solid material that may become suspended in air or deposited.
DWE	NSW Department of Water and Energy
EEC	Endangered Ecological Community under the <i>Threatened Species Conservation Act 1995</i> and the <i>Environment Protection Biodiversity Conservation Act 1999</i> .
Minister, the	Minister for Planning
Operation	When the gas pipeline commences transporting gas to the Liddell Power Station and associated maintenance work, but excluding commissioning activities.
Publicly Available	Available for inspection by a member of the general public (for example available on an internet site or at a display centre).
Reasonable / feasible	Consideration of best practice taking into account the benefit of proposed measures and their technological and associated operational application in the NSW and Australian context. Feasible relates to engineering considerations and what is practical to build. Reasonable relates to the application of judgement in arriving at a decision, taking into account: mitigation benefits, cost of mitigation versus benefits provided, community views and nature and extent of potential improvements.
RTA	NSW Roads and Traffic Authority
Site	Land to which Major Project Application 08_0061 applies.

1. ADMINISTRATIVE CONDITIONS

Terms of Approval

- 1.1 The Proponent shall carry out the project generally in accordance with the:
 - a) Major Project Application 08_0061;
 - b) *Environmental Assessment Gas Pipeline (North-South Route) Liddell Power Station*, prepared by CDB Environment Pty Ltd and dated February 2009;
 - c) *Submissions Report* including the *Final Statement of Commitments*, prepared by CDB Environment Pty Ltd and dated May 2009; and
 - d) the conditions of this approval.
- 1.2 In the event of an inconsistency between:
 - a) the conditions of this approval and any document listed from condition 1.1a) to 1.1c) inclusive, the conditions of this approval shall prevail to the extent of the inconsistency; and
 - b) any document listed from condition 1.1a) to 1.1c) inclusive, the most recent document shall prevail to the extent of the inconsistency.
- 1.3 The Proponent 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 approval; and
 - b) the implementation of any actions or measures contained in these reports, plans or correspondence.

Limits of Approval

- 1.4 This project approval shall lapse five years after the date on which it is granted, unless the works subject of this approval are physically commenced on or before that time.

Statutory Requirements

- 1.5 The Proponent shall ensure that all licences, permits and approvals are obtained and maintained as required throughout the life of the project. No condition of this approval removes the obligation for the Proponent to obtain, renew or comply with such licences, permits or approvals.
- 1.6 The Proponent may elect to construct the project in discrete work packages or stages. In this case, these conditions of approval may be complied with separately for each discrete work package or stage, as relevant.

2. PROJECT DESIGN REQUIREMENTS

- 2.1 The Proponent shall finalise the route alignment and detailed design of the project (including ancillary infrastructure) in consultation with all landholders and stakeholders potentially affected by the construction of the right-of-way to ensure that potential conflicts between the project and current and future land use are minimised as far as reasonable and feasible. Details of the consultation undertaken and measures taken to address issues raised shall be clearly identified in the Construction Environment Management Plan required under condition 6.2. Consultation shall include but not be limited to:
 - a) private land owners;
 - b) public authorities, including but not limited to:
 - i) the Mine Subsidence Board regarding those parts of the right-of-way within areas subject to actual or potential subsidence, in particular the Patrick Plains Mine Subsidence District, to ensure design parameters withstand maximum predicted subsidence;
 - ii) the relevant road authority(ies) regarding the construction method and depth of cover for all road crossings;
 - iii) the Department of Lands to minimise the potential for impact to Crown lands;
 - c) companies and titleholders of mineral and petroleum resource licences to minimise the potential for any sterilisation of resources in licence areas including, but not limited to:

- i) Bulga Coal Management Pty Ltd, the holder of mining licence ML1547;
- ii) Saxonvale Coal Pty Ltd, holder of exploration licence EL5277;
- iii) Wambo Coal Pty Ltd, the holder of coal titles CCL743 and CL365 and the holder of ML1527 and Auth444 and including seams from the Upper Whittingham Coal Measures;
- iv) The Construction Forestry Mining Energy Union, holder of coal title CCL755
- v) Coal and Allied, the holder of coal titles CCL714 and CL327;
- vi) Bloomfield Collieries Pty Ltd, holder of exploration licence EL6705;
- vii) Geodynamics Limited, holder of EL5560 for (Group 8) Geothermal Substances;
- viii) Sydney Gas Operations, holder of PEL4 and PEL267;
- ix) Hexxon Minerals Pty Ltd, regarding a currently operating sand extraction site located off the Putty Road, east of Wollombi Brook; and
- d) owners of any open cut operations which use blasting techniques in the area of the pipeline corridor to ensure design parameters withstand blasting impacts specific to each existing operation.

2.2 The Proponent shall ensure that the final route alignment of the project including associated ancillary infrastructure, the 20-metre construction right of way and construction compounds are not located outside of the assessment corridor identified in the document referred to under condition 1.1b), unless otherwise agreed to by the Director-General. In seeking Director-General's agreement the Proponent shall demonstrate that any route alignment changes are consistent with and would provide an equal or better environmental outcome than the approved project.

2.3 The project shall be constructed in accordance with the *APIA Code of Environmental Practice – Onshore Pipelines*.

3. SPECIFIC ENVIRONMENTAL CONDITIONS

Watercourse Crossings

- 3.1 The Proponent shall ensure that the crossings of the Hunter River and Wollombi Brook are undertaken using horizontal directional drilling techniques.
- 3.2 Prior to the commencement of construction of the project, the Proponent shall prepare and submit for the Director-General's approval a **Watercourse Crossing Risk Assessment** justifying the proposed crossing method for each watercourse. The risk assessment shall include, but not be limited to:
 - a) a description of the sensitivity of each watercourse to be crossed, including the stream order, status of riparian and aquatic vegetation, potential for fish habitat, presence of threatened species or habitat, and water use;
 - b) geomorphic characteristics of the proposed crossing points, including thawleg and inflexion points and likely impacts on stream stability and hydrology;
 - c) geomorphic justification of the crossing points and method of watercourse crossings;
 - d) potential impacts on aquatic and riparian habitats; and
 - e) construction risks and benefits associated with the chosen crossing methodology.

In seeking the Director-General's approval, the Proponent shall provide written evidence of endorsement by DWE of the construction methodology proposed at each waterway crossing.

- 3.3 The Proponent shall, in consultation with the DWE, the DPI (Fisheries) and the Hunter-Central Rivers Catchment Management Authority, ensure that all watercourses (and associated riparian and aquatic habitat) disturbed by the project are rehabilitated to a standard equal to or better than the existing condition.

Ecological Impacts

- 3.4 Clearing of native vegetation shall be limited to the minimum extent practicable required for the construction of the project.

- 3.5 The Proponent shall implement measures to minimise the incidence of fauna being trapped in the pipeline trench during construction, including minimising the length of time that trenches are left exposed and open, measures to encourage trapped fauna to escape the trench, and monitoring and response measures to identify and deal with trapped or injured fauna.
- 3.6 For a period of two years after the completion of construction, or as otherwise required or agreed by the Director-General, the Proponent shall monitor the areas along the project alignment for weed infestation. Any infestations shall be actively managed to remove or minimise their spread, in consultation with relevant landowners.
- 3.7 Prior to the commencement of construction of the project, the Proponent shall develop a program for offsetting the biodiversity impacts resulting from the removal of native vegetation resulting from the project for the Director-General's approval, comprising but not necessarily limited to:
 - a) measures for encouraging the natural regeneration of vegetation along the pipeline corridor, including weed management measures as identified in condition 3.6;
 - b) replanting and rehabilitation measures including (but not necessarily limited to) the rehabilitation of disturbed riparian areas at watercourse crossings and screen planting to minimise visual impacts; and
 - c) measures for replacing specific habitat values impacted by the project (e.g. provision of roost/nest boxes where significant habitat trees such as hollow bearing trees are impacted).

The offset program shall provide details of a timeline for the implementation of the identified measures, ongoing monitoring and maintenance measures and demonstrate how the Program would achieve the outcome of maintaining or improving biodiversity values in the local area.

- 3.8 To protect potential habitat of the threatened species, Pine Donkey Orchid, the right of way (ROW) within Central Hunter Box – Ironbark Woodland located on the Wambo Mining Area shall be reduced from 20m to 10m to minimise further disturbance and risks to ecology in this area.

Soil and Water Quality Impacts

- 3.9 Except as may be expressively provided by an Environment Protection Licence for the project, the Proponent shall comply with section 120 of the *Protection of the Environment Operations Act 1997* which prohibits the pollution of waters.
- 3.10 Soil and water management controls shall be employed to minimise soil erosion and the discharge of sediment and other pollutants to lands and/or waters during construction and operation of the project, in accordance with Landcom's (2004) *Managing Urban Stormwater: Soils and Conservation*, or any future guideline that may supersede that document.
- 3.11 The Proponent shall consult with the relevant regulatory authority prior to sourcing water for either construction, commissioning (including hydro-testing) or operation of the pipeline to ensure that supplies are sourced from an authorised and reliable supply.

Heritage Impacts

- 3.12 The Proponent shall undertake all reasonable and feasible efforts to avoid impacts to Aboriginal cultural heritage values during all stages of the project. If impacts are unavoidable, mitigation measures are to be negotiated with the Aboriginal community and the DECC.
- 3.13 Prior to the commencement of construction of the project, the Proponent shall develop and submit for the approval of the Director-General specific mitigation measures to ensure that no impacts occur to the site known as Liddell N/S 19 (which comprises grinding grooves on a

large rock outcrop) during installation of the pipeline or during pipeline maintenance activities. Measures may include under-boring or re-routing of the pipeline around the site.

- 3.14 If during the course of construction or operation of the project the Proponent uncovers any Aboriginal cultural object(s), all works likely to affect the object(s) shall cease in the immediate area to prevent any further impact to the find(s). A suitably qualified archaeologist and Aboriginal community representatives shall be contacted to determine the significance of the find(s) and appropriate management measures. The Proponent shall register the site and management outcome in the AHIMS in accordance with the *National Parks and Wildlife Act 1974*.

Traffic, Transport and Access Impacts

- 3.15 The Proponent shall ensure that any measures to restore or reinstate roads affected by the project are undertaken in a timely manner, in accordance with the requirements of and to the satisfaction of the relevant road authority, and at the full expense of the Proponent
- 3.16 The Proponent shall ensure that primary access routes for farm vehicles, feed supply and livestock transport vehicles are kept open for the duration of construction works (which have the potential to impact on them) or that an alternative access is provided for the duration of the relevant works.

Hazards and Risk

- 3.17 At least one month prior to the commencement of construction of the project or within such further period as the Director-General may agree, the Proponent shall prepare and submit for the approval of the Director-General a **Hazard and Operability Study** (HAZOP) covering the final route alignment and final design of the project. The HAZOP shall be 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 Planning's Hazardous Industry Planning Advisory Paper No.8 'HAZOP Guidelines', or any future guideline that may supersede that document. The study report must be accompanied by a program for the implementation of all recommendations made in the report. If the Proponent intends to defer the implementation of a recommendation, justification must be included. Construction of the project shall not commence until approval has been given by the Director-General.

Noise and Vibration Impacts

- 3.18 The Proponent shall only undertake construction and maintenance activities associated with the project that would generate an audible noise at any residential or sensitive receiver during the following hours:

- a) 7:00 am to 6:00 pm, Mondays to Fridays, inclusive;
- b) 8:00 am to 1:00 pm on Saturdays; and
- c) at no time on Sundays or public holidays.

This condition does not apply in the event of a direction from police or other relevant authority for safety reasons, to prevent environmental harm or risk to life.

- 3.19 The hours referred to under condition 3.18 of this approval may be varied with the prior written approval of the Director-General. Any request to alter the hours shall be:
- a) considered on a case-by-case basis;
 - b) accompanied by details of the nature and need for activities to be conducted during the varied hours and any other information necessary to reasonably determine that activities undertaken during the varied hours will not adversely impact on the acoustic amenity of sensitive receivers in the vicinity of the site; and
 - c) accompanied by written evidence demonstrating consultation with the DECC in relation to the proposed variation in times (including consideration of any comments made by the DECC).

- 3.20 The Proponent shall implement all reasonable and feasible mitigation measures with the aim of achieving the following construction noise and vibration goals:
- a) where audible at any sensitive receivers, the L_{A10} (15minute) noise level from construction activities shall not exceed the background L_{A90} noise level by more than 10 dB(A);
 - b) if noise from a construction activity is substantially tonal or impulsive in nature (as described in Chapter 4 of the *NSW Industrial Noise Policy*), 5dB(A) must be added to the measured construction noise level when comparing the measured noise with the construction noise objective; and
 - c) the vibration limits set out in the *Assessing Vibration: A Technical Guideline* (DECC, 2006) for human exposure.

Air Quality Impacts

- 3.21 The Proponent shall construct the project in a manner that minimises dust emissions from the site, including wind-blown and traffic-generated dust. All activities on the site shall be undertaken with the objective of preventing visible emissions of dust from the site. Should such visible dust emissions occur at any time, the Proponent shall identify and implement all practicable dust mitigation measures, including cessation of relevant works, as appropriate, such that emissions of visible dust cease.
- 3.22 The Proponent shall not permit any offensive odour, as defined under section 129 of the *Protection of the Environment Operations Act 1997*, to be emitted beyond the boundary of the site.

Waste Generation and Management

- 3.23 The Proponent shall maximise the treatment, reuse and/or recycling on the site of any excavated soils, vegetation, and solid waste materials associated with the project, to minimise the need for treatment or disposal of those materials outside the site.
- 3.24 The Proponent 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 on the site, except as expressly permitted by a licence under the *Protection of the Environment Operations Act 1997*, if such a licence is required in relation to that waste.
- 3.25 The Proponent shall ensure that all liquid and/or non-liquid waste generated on the site is assessed and classified in accordance with *Waste Classification Guidelines* (DECC, 2008), or any future guideline that may supersede that document.
- 3.26 All liquid and non-liquid wastes removed from the site shall only be directed to a waste management facility lawfully permitted to accept the materials.

4. COMPLIANCE MONITORING AND TRACKING

- 4.1 The Proponent shall develop and implement a **Compliance Tracking Program** to track compliance with the requirements of this approval. The Program shall be submitted to the Director-General for approval prior to the commencement of construction. The Program shall relate to both construction and operational stages of the project and shall include, but not necessarily be limited to:
- a) provisions for periodic review of the compliance status of the project against the requirements of this approval, Statement of Commitments and relevant environmental approval, licence or permit required and obtained in relation to the project ;
 - b) provisions for periodic reporting of compliance status against the requirements of this approval and Statement of Commitments to the Director-General including at least one month prior to the commencement of construction and operation of the project;
 - c) a program for independent environmental auditing in accordance with *AS/NZ ISO 19011:2003 - Guidelines for Quality and/or Environmental Management Systems Auditing*; and
 - d) mechanisms for rectifying any non-compliance identified during environmental auditing or review of compliance.

5. COMMUNITY INFORMATION, CONSULTATION AND INVOLVEMENT

5.1 Subject to confidentiality, the Proponent shall make all documents required under this approval available for public inspection on request.

Complaints Procedure

5.2 Prior to the commencement of construction of the project, the Proponent shall ensure that the following are available for community complaints for the life of the project (including construction and operation):

- a) a telephone number on which complaints about construction and operational activities at the site may be registered;
- b) a postal address to which written complaints may be sent; and
- c) an email address to which electronic complaints may be transmitted.

The telephone number, postal address and email address shall be published in a newspaper circulating in the local area prior to the commencement of construction of the project. The above details shall also be provided on the website required by condition 5.4 of this approval.

5.3 The Proponent shall record details of all complaints received through the means listed under condition 5.2 of this approval 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 (telephone, mail or email);
- 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 complaint;
- e) any action(s) taken by the Proponent in relation to the complaint, including any follow-up contact with the complainant and the timing for implementing action; and
- f) if no action was taken by the Proponent in relation to the complaint, the reason(s) why no action was taken.

The Complaints Register shall be made available for inspection by the Director-General upon request.

The Complaints Register for the project may be incorporated into an existing complaints handling system managed by the Proponent if it is demonstrated to meet the requirements of condition 5.3.

Provision of Electronic Information

5.4 Prior to the commencement of construction of the project, the Proponent shall establish a dedicated website or maintain dedicated pages within its existing website for the provision of electronic information associated with the project subject to confidentiality. The Proponent shall publish and maintain up-to-date information on this website or dedicated pages including, but not necessarily limited to:

- a) information on the statutory context and current implementation status of the project;
- b) the documents referred to under condition 1.1 of this approval;
- c) a copy of this approval and any future modification to this approval;
- d) a copy of each relevant environmental approval, licence or permit required and obtained in relation to the project;
- e) all plans, monitoring programs and strategies required under this project approval; and
- f) details of the outcomes of compliance reviews and audits of the project.

6. ENVIRONMENTAL MONITORING AND MANAGEMENT

Environmental Representative

6.1 Prior to the commencement of any construction activities, or as otherwise agreed by the Director-General, the Proponent shall nominate for the approval of the Director-General a

suitably qualified and experienced Environmental Representative(s) independent of the design, construction and operation personnel. The Proponent shall engage the Environmental Representative(s) during any construction activities. The Environmental Representative(s) shall:

- a) oversee the implementation of all environmental management plans and monitoring programs required under this approval, and advise the Proponent upon the achievement of these plans/programs;
- b) consider and advise the Proponent on its compliance obligations against all matters specified in the conditions of this approval and the Statement of Commitments as referred to under condition 1.1c) of this approval, and any other relevant environmental approval, licence or permit required and obtained in relation to the project; and
- c) have the authority and independence to recommend to the Proponent reasonable steps to be taken to avoid or minimise unintended or adverse environmental impacts, and, failing the effectiveness of such steps, to recommend to the Proponent that relevant activities are to be ceased as soon as reasonably practicable if there is a significant risk that an adverse impact on the environment will be likely to occur.

Construction Environmental Management Plan

6.2 The Proponent shall prepare and implement a **Construction Environmental Management Plan** (CEMP) prior to the commencement of construction of the project to outline environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with *Guideline for the Preparation of Environmental Management Plans* (DIPNR, 2004) and shall include, but not necessarily be limited to:

- a) a description of all relevant activities to be undertaken on the site during construction (including staging and scheduling)
- b) details of any construction compounds and the management of these sites (including personnel parking);
- c) a description of the statutory obligations that the Proponent is required to fulfil prior to and during construction including all relevant approvals, licences and permits required and applicable key legislation and policies;
- d) details of the outcomes of consultation undertaken in accordance with condition 2.1.
- e) details of how the environmental performance of the construction works will be monitored, and what actions will be taken to address identified potential adverse environmental impacts. In particular, the following environmental performance issues shall be addressed in the plan:
 - i) measures to monitor and manage dust emissions;
 - ii) management measures for any soil contamination that may be uncovered during construction of the project; and
 - iii) measures for the control of soil and water management including site-specific controls for the construction of watercourse crossings detailing rehabilitation, completion criteria and monitoring; and
 - iv) measures for the control and management of construction-related traffic, including specific measures for oversized vehicles and traffic management details for each road crossing;
- f) a description of the proposed method(s) for managing hydro-test water discharges;
- g) a description of the roles and responsibilities for all relevant employees involved in the construction of the project;
- h) complaints handling procedures during construction, referred to in condition 5.2; and
- i) the issue-specific management plans required under condition 6.3.

The CEMP shall be submitted for the approval of the Director-General no later than one month prior to the commencement of any construction works associated with the project, or within such period otherwise agreed by the Director-General. Construction works shall not commence until written approval has been received from the Director-General.

- 6.3 As part of the Construction Environmental Management Plan for the project, required under condition 6.2 of this approval, the Proponent shall prepare and implement the following:
- a) **Flora and Fauna Management Plan** to manage the construction impacts of the project on flora and fauna. The Plan shall be prepared in consultation with the DECC and the Hunter-Central Rivers Catchment Management Authority and shall include, but not necessarily limited to:
 - i) details of all impacted and potentially affected threatened flora and fauna species and specific management procedures for each of these species; and
 - ii) general management procedures for the construction of the pipeline within vegetated corridors and weed management and the rehabilitation of any disturbed vegetation.
 - b) **Aboriginal Cultural Heritage Management Plan** for the project area shall be developed and implemented in consultation with the relevant Aboriginal stakeholders and the DECC. The Plan shall include, but not be limited to:
 - i) procedures for the management of any recorded sites with the project area;
 - ii) development of an Aboriginal Cultural Education Program for the induction of personnel and contractors involved in construction activities;
 - iii) details of proposed further archaeological investigation and/or salvage measures prior to impact;
 - iv) identification and management of previously unrecorded sites;
 - v) identification and management of any proposed conservation area(s);
 - vi) details of an appropriate keeping place agreement with local aboriginal community representatives for any Aboriginal objects salvaged through the development process;
 - vii) management measures in the event that human remains are found; and
 - viii) procedures for ongoing Aboriginal consultation and involvement.
 - c) **Construction Noise and Vibration Management Plan** to manage noise impacts during construction and to identify all feasible and reasonable noise mitigation measures. The Plan shall include, but not necessarily limited to:
 - i) details of all potentially affected sensitive receivers;
 - ii) details of construction activities (including construction traffic and haulage) that have the potential to generate noise and vibration impacts on sensitive receivers;
 - iii) the construction noise and vibration objectives for the project and all reasonable and feasible noise and vibration mitigation measures that will be implemented to reduce construction noise and vibration impacts where the objectives are predicted to be exceeded; and
 - iv) procedures for notifying sensitive receivers of construction activities that are likely to affect their noise and vibration amenity.

Operation Environmental Management Plan

- 6.4 The Proponent shall prepare and implement an **Operation Environmental Management Plan** (OEMP) to detail an environmental management framework, practices and procedures to be followed during operation of the project. The OEMP shall be consistent with *Guideline for the Preparation of Environmental Management Plans* (DIPNR, 2004), or any future guideline that may supersede that document, and shall include, but not necessarily be limited to:
- a) identification of all relevant statutory and other obligations that the Proponent is required to fulfil in relation to operation of the project, including all relevant approvals, licences, approvals and consultations;
 - b) overall environmental policies, guidelines and principles to be applied to the operation of the project;
 - c) relevant standards to be applied to the project and details of how the environmental performance of the operation of the project will be monitored and managed to meet these standards. Environmental performance issues shall include but not limited to:
 - i) measures to monitor and maintain offset measures implemented in accordance with condition 3.7 of this approval;

- ii) methods to monitor and maintain revegetated areas (including riparian and aquatic habitats) during the establishment phase and long term;
- iii) ongoing measures to monitor and control the spread of weeds including but not limited to the species 'serrated tussock';
- iv) measures to control soil erosion and sedimentation; and
- v) measures to monitor and control the stability of watercourse crossings.
- d) a description of the roles and responsibilities for all relevant employees involved in the operation of the project;
- e) a means by which environmental performance can be periodically reviewed and improved (where appropriate) and what actions will be taken to address identified potential adverse environmental impacts;
- f) complaints handling procedures during operation, referred to in condition 5.2; and
- g) a **Safety and Operating Plan** for the project, prepared in accordance with the requirements of the *Pipelines Regulation 2005*.

The OEMP shall be submitted for the approval of the Director-General no later than one month prior to the commencement of operation of the project, or within such period otherwise agreed by the Director-General. Operation shall not commence until written approval has been received from the Director-General.

Nothing in this approval precludes the Proponent from incorporating the requirements of the Operational Environmental Management Plan into existing environmental management systems and plans administered by the Proponent if it is demonstrated to meet the requirements of this condition.

7. ENVIRONMENTAL REPORTING

Incident Reporting

- 7.1 Within 24 hours of any incident with significant off-site impacts on people or the biophysical environment, a report shall be supplied to the Department outlining the basic facts. A further detailed report shall be prepared and submitted following investigations of the causes and identification of necessary additional preventive measures. That report must be submitted to the Director-General no later than 14 days after the incident or potential incident.

The Proponent shall maintain a register of accidents, incidents and potential incidents. The register shall be made available for inspection at any time by the Director-General.

- 7.2 The Proponent shall meet the requirements of the Director-General to address the cause or impact of any incident, as it relates to this approval, reported in accordance with condition 7.1 of this approval, within such period as the Director-General may require.
-