

Director-General's Requirements

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

| | |
|-----------------------------|--|
| Application Number | 06_0291 |
| Project | <p>The Spring Farm and Menangle Park Project, which includes:</p> <ul style="list-style-type: none"> • construction and operation of up to 4 surface well locations at Spring Farm and up to 12 surface well locations at Menangle Park (to contain a variety of horizontal, directional and surface-in-seam wells); • construction and use of access roads, a gas gathering system and water transport lines; • connection of the wells to the Rosalind Park Gas Plant; and • production of methane gas. |
| Site | <p>Spring Farm – east of Camden and south of the Camden by-pass. Menangle Park – south of Spring Farm and bounded by the Hume Highway, Menangle Road and Nepean River.</p> |
| Proponent | AGL Gas Production (Camden) Pty Ltd |
| Date of Issue | 8 March 2007 |
| Date of Expiration | 8 March 2009 |
| General Requirements | <p>The Environmental Assessment (EA) must include</p> <ul style="list-style-type: none"> • an executive summary; • a detailed description of the project including the: <ul style="list-style-type: none"> – need for the project; – alternatives considered; and – various components and stages of the project; • consideration of any relevant statutory provisions; • an overview of all the environmental impacts of the project, identifying the key issues for further assessment, and taking into consideration the issues raised during consultation; • a detailed assessment of the key issues specified below and any other significant issues identified in the general overview of environmental impacts of the project (see above), which includes: <ul style="list-style-type: none"> – a description of the existing environment; – an assessment of the potential impacts of the project, including any cumulative impacts; – a description of the measures that would be implemented to avoid, minimise, mitigate, offset, manage, and/or monitor the impacts of the project; • a draft Statement of Commitments, outlining environmental management, mitigation and monitoring measures; • a conclusion justifying the project, taking into consideration the environmental impacts of the project, the suitability of the site, and the benefits of the project; • a signed statement from the author of the Environmental Assessment certifying that the information contained in the report is neither false nor misleading. |
| Key Issues | <ul style="list-style-type: none"> • Surface and Ground Water – including an assessment of the potential impacts on streams, the local groundwater regime and water quality (including salinity), and a detailed description of the proposed water management system; • Noise - including an assessment of construction, operational and off-site transport noise; • Vibration; • Air Quality – including dust and odour impacts; • Flooding; • Hazards – including a risk assessment of the construction and operation |

| | |
|------------------------------|---|
| | <p>of the proposal;</p> <ul style="list-style-type: none"> • Flora and Fauna – including impacts on threatened species, populations or endangered ecological communities or their habitats; and details of vegetation offsets to ensure that there is no net loss to the flora and fauna values of the area in the medium to long term; • Rehabilitation and Final Land Form – including a detailed description of how the site would be progressively rehabilitated and integrated into the surrounding landscape; and a detailed description of the measures that would be put in place to ensure that sufficient resources are available to implement the proposed rehabilitation measures, and for the ongoing management of the site following the cessation of gas production; • Waste; • Visual; and • Heritage – including Aboriginal and non-Aboriginal heritage. |
| References | The Environmental Assessment must take into account relevant State government technical and policy guidelines. While not exhaustive, guidelines which may be relevant to the project are included in the attached list. |
| Consultation | <p>During the preparation of the Environmental Assessment, you should undertake an appropriate level of consultation with the relevant local, State or Commonwealth government authorities, service providers, community groups or affected landowners. The consultation process and the issues raised must be described in the Environmental Assessment.</p> <p>In particular you shall consult with:</p> <ul style="list-style-type: none"> • Department of Education and Training; • Department of Environment and Conservation; • Department of Natural Resources; • Department of Primary Industries; • Landcom; • Mine Subsidence Board; • NSW Heritage Office; • NSW Rural Fire Service; • Roads and Traffic Authority; • Sydney Catchment Authority; • Camden Council; • Campbelltown City Council; and • Australian Rail Track Corporation. |
| Deemed refusal period | 60 days |

State Government Technical and Policy Guidelines - For Reference

| Aspect | Policy /Methodology |
|------------------------|---|
| Soil and Water | |
| | <ul style="list-style-type: none"> • <i>Managing Urban Stormwater: Soils and Construction Volume 1 4th Edition</i> (Landcom); • <i>Guidelines for Fresh and Marine Water Quality and Guidelines for Water Quality Monitoring and Reporting</i> (ANZECC); • <i>Rehabilitation Manual for Australian Streams</i> (Land and Water Resources Research and Development Corporation); • the various <i>State Groundwater Policy</i> documents (DNR); • <i>Approved Methods for the Sampling and Analysis of Water Pollutants in NSW</i> (DEC); • <i>Environmental Guidelines: Use of Effluent by Irrigation</i> (DEC); • <i>Bunding and Spill Management</i> (DEC); • <i>NSW Salinity Strategy</i> (DNR); • <i>Policy and Guidelines for Fish Friendly Waterway Crossings</i> (DPI); • <i>Why Do Fish Need to Cross the Road? Fish Passage Requirements for Waterways Crossings</i> (DPI); |
| Flooding | |
| | <ul style="list-style-type: none"> • <i>Floodplain Development Manual 2005</i> (DNR); |
| Flora and Fauna | |
| | <ul style="list-style-type: none"> • <i>draft Guidelines for Threatened Species Assessment</i> (DEC); • <i>draft Threatened Biodiversity Survey and Assessment: Guidelines for Development and Activities</i> (DEC); |
| Noise | |
| | <ul style="list-style-type: none"> • <i>NSW Industrial Noise Policy</i> (DEC); • <i>Environmental Criteria for Road Traffic Noise</i> (DEC); • <i>Construction Site Noise - Environmental Noise Control Manual</i> (DEC); |
| Air Quality | |
| | <ul style="list-style-type: none"> • <i>Approved Methods for the Modelling and Assessment of Air Pollutants in NSW</i> (DEC); • <i>Approved Methods for the Sampling and Analysis of Air Pollutants in NSW</i> (DEC); • <i>draft policy Assessment and Management of Odour from Stationary Sources in NSW 2000</i> (DEC); |
| Heritage | |
| | <ul style="list-style-type: none"> • <i>draft Guidelines for Aboriginal Cultural Heritage Assessment and Community Consultation</i> (DEC); • <i>Assessing Heritage Significance</i> (NSW Heritage Office); • <i>NSW Heritage Manual</i> (NSW Heritage Office); |
| Hazards | |
| | <ul style="list-style-type: none"> • <i>Locational Guidelines – Development in the Vicinity of Operating Coal Seam Methane Wells</i> (Department of Planning); • <i>Hazardous Industry Planning Advisory Paper No. 1, “Industry Emergency Planning Guidelines”</i> (DOP); • <i>Hazardous Industry Planning Advisory Paper No. 9, “Safety Management”</i> (DOP); |
| Vibration | |
| | <ul style="list-style-type: none"> • <i>Technical Basis for Guidelines to Minimise Annoyance due to Blasting and Ground Vibration</i> (ANZECC); • <i>Assessing Vibration: a Technical Guideline</i> (DEC); |
| Traffic | |
| | <ul style="list-style-type: none"> • <i>Guide to Traffic Generating Development and Road Design Guide</i> (RTA); • relevant Austroad standards; |
| Waste | |
| | <ul style="list-style-type: none"> • <i>Environmental Guidelines: Assessment and Classification and Management of Liquid and Non-Liquid Wastes</i> (DEC); |