

Hon Mark McGowan MLA Minister for the Environment; Racing and Gaming

Statement No.

000735

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STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED (PURSUANT TO THE PROVISIONS OF THE ENVIRONMENTAL PROTECTION ACT 1986)

DAMPIER TO BUNBURY NATURAL GAS PIPELINE STAGE 5 EXPANSION

Proposal:

The construction of eleven loops adjacent and connected to the

existing underground gas transmission pipeline within the existing

corridor to raise the capacity of the system.

Proponent:

DBNGP (WA) Nominees Pty Limited trading as Dampier Bunbury

Pipeline

Proponent Address:

Level 7, GHD House 239 Adelaide Terrace

PERTH WA 6832

Assessment Number:

1655

Report of the Environmental Protection Authority: Bulletin 1231

The proposal referred to in the above report of the Environmental Protection Authority may be implemented. The implementation of that proposal is subject to the following conditions and procedures:

1 Proposal Implementation

1-1 The proponent shall implement the proposal as documented and described in schedule 1 of this statement subject to the conditions and procedures of this statement.

2 Proponent Nomination and Contact Details

2-1 The proponent for the time being nominated by the Minister for the Environment under sections 38(6) or 38(7) of the *Environmental Protection Act 1986* is responsible for the implementation of the proposal.

Published on

1'3: DEC 2006

2-2 The proponent shall notify the Chief Executive Officer of the Department of Environment and Conservation (CEO) of any change of the name and address of the proponent for the serving of a notice or other correspondence within 30 days of such change.

3 Time Limit of Authorisation

- 3-1 The authorisation to implement the proposal provided for in this statement shall lapse and be void within five years after the date of this statement if the proposal to which this statement relates is not substantially commenced.
- 3-2 The proponent shall provide the CEO with written evidence which demonstrates that the proposal has substantially commenced on or before the expiration of five years from the date of this statement.

4 Compliance Reporting

4-1 The proponent shall submit to the CEO environmental compliance reports annually reporting on the previous twelve-month period, unless required by the CEO to report more frequently.

Note: Annual reporting shall continue until such time as the Minister for the Environment determines on advice from the Environmental Protection Authority that the proponent has fulfilled its responsibilities in relation to the conditions within this Statement.

- 4-2 The environmental compliance reports shall address each element of an audit program approved by the CEO and shall be prepared and submitted in a format acceptable to the CEO.
- 4-3 The environmental compliance reports shall:
 - 1. be endorsed by signature of the proponent's Chairman or a person, approved in writing by the Chairman, delegated to sign on behalf of the proponent's Chairman;
 - 2. state whether the proponent has complied with each condition and procedure contained in this statement;
 - 3. provide verifiable evidence of compliance with each condition and procedure contained in this statement;
 - 4. state whether the proponent has complied with each key action contained in any environmental management plan or program required by this statement;
 - 5. provide verifiable evidence of conformance with each key action contained in any environmental management plan or program required by this statement;

- 6. identify all non-compliances and non-conformances and describe the corrective and preventative actions taken in relation to each non-compliance or non-conformance;
- 7. provide an assessment of the effectiveness of all corrective and preventative actions taken; and
- 8. describe the state of implementation of the proposal.
- 4-4 The proponent shall make the environmental compliance reports required by condition 4-1 publicly available in a manner approved by the CEO.

5 Performance Review

- 5-1 The proponent shall submit a Performance Review report every five years after the start of construction to the Environmental Protection Authority, which addresses:
 - 1. the major environmental issues associated with implementing the project; the environmental objectives for those issues; the methodologies used to achieve these; and the key indicators of environmental performance measured against those objectives;
 - 2. the level of progress in the achievement of sound environmental performance, including industry benchmarking, and the use of best available technology where practicable;
 - 3. significant improvements gained in environmental management, including the use of external peer reviews;
 - 4. stakeholder and community consultation about environmental performance and the outcomes of that consultation, including a report of any on-going concerns being expressed; and
 - 5. the proposed environmental objectives over the next five years, including improvements in technology and management processes.
- 5-2 The proponent shall make the Performance Review reports required by condition 5-1 publicly available in a manner approved by the CEO.

6 Compliance Audit

- 6-1 The proponent shall submit a written compliance audit report to the CEO within 30 days of the conclusion of the construction of each loop section.
- 6-2 The compliance audit report shall outline identified non compliances against the conditions of this statement.
- 6-3 The report shall be endorsed by signature of the proponent's Chairperson or a person approved in writing by the Chairperson, delegated to sign on behalf of the proponent's Chairperson.

6-4 The report shall include the date, time and location of the non-compliances, the reason for the non-compliances, actions taken to remedy non compliances and details of management measures implemented to reduce the risk of future non compliances.

Note: Environmentally Sensitive Areas (ESA's) are identified in Regulation 6(1) of the Environmental Protection Regulations 1987. ESA's include World Heritage property, areas registered on the Register of the National Estate, defined wetlands, rare flora, TEC's and Bush Forever sites.

7 Results of Spring Flora Surveys

7-1 Prior to the commencement of vegetation clearing, the proponent shall submit a report to the CEO which details the results of the spring flora surveys undertaken in 2006.

This report shall:

- 1. Record the location of any Declared Rare Flora, Priority Flora and other species of conservation significance;
- 2. Identify any Threatened Ecological Communities and other environmentally sensitive areas;
- 3. Describe the habitat in which specially protected or conservation-significant flora species were found, and the extent of the contiguous area of the same habitat in the local area; and
- 4. Specify the degree of impact of the proposed works on specially protected or conservation-significant flora species, its identified contiguous habitat or Threatened Ecological Communities and other environmentally sensitive areas;
- 7-2 Prior to the commencement of vegetation clearing, the proponent shall prepare, in consultation with the Department of Environment and Conservation, a Flora and Vegetation Management Plan, which shall:
 - 1. Identify the proposed management strategy for the protection of Declared Rare Flora, Priority Flora, Threatened Ecological Communities, other conservation-significant species and other environmentally sensitive areas identified; and
 - 2. Include a post-activity monitoring plan for specially protected or conservation-significant flora species.
- 7-3 The proponent shall implement the Flora and Vegetation Management Plan required by condition 7-2.
- 7-4 The proponent shall make the Flora and Vegetation Management Plan required by condition 7-2 publicly available in a manner approved by the CEO.

8 Vegetation Disturbance

- 8-1 Prior to ground-disturbing activities, the proponent shall clearly delineate on the ground the boundaries of the pipeline easement and the area of disturbance outside the easement.
- 8-2 The proponent shall not cause disturbance of vegetation outside the delineated pipeline easement, or the delineated area of disturbance outside the easement, as referred to in condition 8-1, unless authorised by the Minister for the Environment.
- 8-3 The proponent shall not cause or allow disturbance of vegetation outside the 20 metre wide easement located within environmentally sensitive areas, unless authorised by the Minister for the Environment.

9 Fauna

- 9-1 Prior to ground-disturbing activities, the proponent shall prepare a Fauna Management Plan, which includes a Fauna Interaction Protocol, in consultation with the Department of Environment and Conservation, to the requirements of the Minister for the Environment on advice of the Environmental Protection Authority, which shall include:
 - 1. Procedures to minimise and manage impacts on all native fauna, including conservation-significant fauna species identified in Bancroft and Bamford, Fauna Values of Stage 5 of the Dampier to Bunbury Natural Gas Pipeline (DBNGP): A Review (2006). (Report provided in Appendix 2 of the proponent's Environmental Impact Assessment document dated September 2006.); and
 - 2. Procedures for the management of water bodies within open trenches to minimise fauna death or injury.
- 9-2 The clearing of open trenches by the fauna-clearing persons is to be completed each day by no later than 4.5 hours after sunrise for Loops 0 to 7 and no later than 5 hours after sunrise for Loops 8 to 10 and at least half an hour prior to the backfilling of pipeline trenches.
- 9-3 Open trench lengths shall not exceed a length capable of being inspected and cleared by fauna clearing persons within the required times as set out in conditions 9-2, 10-2 and 10-4.
- 9-4 Significant habitat trees of sufficient age to form nesting hollows for hollow-nesting birds and mammals shall be marked, prior to construction, in consultation with the Department of Environment and Conservation;
- 9-5 Marked significant habitat trees as referred to in condition 9-4 shall be retained, except in the case where habitat trees occur in the direct line of the proposed pipeline;

- 9-6 The proponent shall monitor weather forecasts through the Bureau of Meteorology and in the event of a weather forecast indicating rainfall sufficient to cause flooding of trenches or drowning of fauna trapped in trenches, the proponent shall in consultation with the Department of Environment and Conservation backfill all lengths of open trench with a potential to be flooded or cause drowning of fauna.
- 9-7 Where wet trenching is conducted, trenches shall not remain open for periods longer than 48 hours within wetlands and environmentally sensitive areas and 7 days for all other areas.

Note: "Fauna-clearing persons" means an employee of the proponent whose responsibility it is to walk the open trench to recover and record fauna found within the trench.

- 9-8 The fauna clearing persons shall operate in teams of two with at least one fauna clearing person experienced in the following, to the requirements of DEC:
 - 1. Fauna identification, capture and handling (including venomous snakes);
 - 2. Identification of tracks, scats, burrows and nests of conservation significant species;
 - 3. Fauna vouchering;
 - 4. Assessing injured fauna for suitability for release, rehabilitation or euthanasia;
 - 5. Familiarity with the ecology of the species that may be encountered in order to be able to appropriately translocate fauna encountered; and
 - 6. Performing euthanasia.
- 9-9 The proponent shall be responsible for ensuring that basic fauna handling training is provided to fauna clearing persons who do not possess the skills and experience outlined in condition 9-8 prior to the fauna clearing person commencing employment.
- 9-10 The fauna handling training as outlined in condition 9-9 shall be developed in consultation with the Department of Environment and Conservation.

Note: "Bell holes" are defined within the Fauna Interaction Protocol (p 4-29) contained in the DBNGP Stage 5 Expansion Construction Environmental management Plan, October 2006.

- 9-11 No part of the trench shall remain open for more than 14 days except "bell holes", unless authorised by the CEO.
- 9-12 In environmentally sensitive areas, no part of the trench shall remain open for more than seven days, unless authorised by the CEO.
- 9-13 In order to comply with conditions 9-11 and 9-12, the proponent shall record each day in a log and on the ground the kilometre points of the start point and finish point of the trench opened on each day.
- 9-14 The proponent shall review and revise, as required, the Fauna Management Plan required by condition 9-1.
- 9-15 The proponent shall implement the Fauna Management Plan required by condition 9-1 and subsequent revisions of the Fauna Management Plan required by condition 9-16.

- 9-16 The proponent shall make the Fauna Management Plan required by condition 9-1 and subsequent revisions required by condition 9-14 publicly available in a manner approved by the CEO.
- 9-17 The proponent shall produce weekly performance monitoring reports on fauna management for each Loop. The Reports shall include but not necessarily limited to details of all fauna inspections, the number of fauna cleared from trenches, fauna interactions, fauna mortalities and all actions taken. These reports are to be provided to the CEO each week.
- 9-18 The proponent shall produce monthly performance monitoring reports on fauna management for each Loop. The Reports shall include but not necessarily limited to details of all fauna inspections, the number of fauna cleared from trenches, fauna interactions, fauna mortalities and all actions taken. These reports are to be made publicly available on completion of each Loop, in a manner approved by the CEO.

10 Timing of Construction Works

- 10-1 The proponent shall avoid open trench work on Loops 0 to 2 from November to March inclusive unless otherwise allowed for in condition 10-2.
- 10-2 In the event the proponent undertakes open trench work on Loops 0 to 2 during November to March the proponent shall:
 - Provide a report to the Department of Environment and Conservation outlining the reasons why open trench work was necessary during the period November to March inclusive; and
 - Complete fauna clearing as described in condition 9-2 by 3 hours after sunrise or when daily temperatures are forecast by the Bureau of Meteorology to exceed 35°C fauna clearing shall be completed by 2.5 hours after sunrise.
- 10-3 The proponent shall avoid open trench work on Loops 8 to 10 from June to December (inclusive) unless otherwise allowed for in condition 10-4.
- 10-4. Where the proponent undertakes open trench work during June to December inclusive the proponent shall:
 - Provide a report to the Department of Environment and Conservation outlining the reasons why open trench work was necessary during the period June to December inclusive; and
 - 2. Implement the Wetland Crossing Management Plan required by condition 12-1, and the Dieback and Weed Management Plan required by condition 13-2.

11 River Crossings

- 11-1 The proponent shall delineate the riparian vegetation along watercourses which will be traversed on advice of the Department of Environment and Conservation.
- 11-2 Prior to ground-disturbing activities, the proponent shall prepare in consultation with the Department of Environment and Conservation, a Watercourse Crossing Management Plan to minimise disturbance of riparian vegetation.
- 11-3 The proponent shall implement the Watercourse Crossing Management Plan required by condition 11-2.
- 11-4 The proponent shall make the Watercourse Crossing Management Plan required by condition 11-2 publicly available in a manner approved by the CEO.

12 Wetland Crossings

- 12-1 Prior to commencement of trenching work for Loops 9 and 10, the proponent shall prepare, in consultation with the Department of Environment and Conservation, a Wetland Crossing Management Plan.
- 12-2 The Wetland Crossing Management Plan shall set out procedures to protect any wetland crossed by the trench in the event that trenching is proposed where there is standing water in the wetland.
- 12-3 The proponent shall implement the Wetland Crossing Management Plan required by condition 12-1.
- 12-4 The proponent shall make the Wetland Crossing Management Plan required by condition 12-1 publicly available in a manner approved by the CEO.

13 Dieback and Weed Management

- 13-1 The proponent shall delineate surveyed occurrences of high risk, medium risk and medium to low risk dieback areas.
- Prior to ground disturbing activities the proponent shall prepare a Dieback and Weed Management Plan in consultation with the Department of Environment and Conservation, to the requirements of the Minister for the Environment on advice of the Environmental Protection Authority.
- 13-3 In consultation with the Department of Environment and Conservation, the proponent shall review and revise, as required, the Dieback and Weed Management Plan required by condition 13-2.

- 13-4 The proponent shall implement the Weed and Dieback Management Plan as required by condition 13-2 and any subsequent revisions of the Weed and Dieback Management Plan required by condition 13-3.
- 13-5 The proponent shall make the Weed and Dieback Management Plan required by condition 13-2 and any subsequent revisions required by condition 13-3 publicly available in a manner approved by the CEO.

14 Rehabilitation

14-1 Prior to ground-disturbing activities, the proponent shall prepare a Rehabilitation Management Plan in consultation with the Department of Environment and Conservation, to the requirements of the Minister for the Environment on advice of the Environment Protection Authority.

This Plan shall address:

- 1. weed management protocols;
- 2. dieback management protocols;
- 3. soil management protocols;
- 4. rehabilitation completion criteria; and
- 5. the need for propagule augmentation to achieve completion criteria.
- 14-2 The proponent shall manage rehabilitation of the pipeline route until the rehabilitation completion criteria, referred to in condition 14-1, have been achieved.

Note: The proponent has obligations under Department of Industry and Resources legislation to maintain the vehicle access track. Certain completion criteria may not be achievable within the access track.

- 14-3 In consultation with the Department of Environment and Conservation, the proponent shall review and revise, as required, the Rehabilitation Management Plan required by condition 14-1.
- 14-4 The proponent shall implement the Rehabilitation Management Plan required by condition 14-1 and subsequent revisions of the Rehabilitation Management Plan required by condition 14-3 until such time as the completion criteria are met.
- 14-5 The proponent shall make the Rehabilitation Management Plan required by condition 14-1, and subsequent revisions required by condition 14-3, publicly available in a manner approved by the CEO.

15 Acid Sulphate Soils and Dewatering

- 15-1 Prior to the commencement of soil disturbance or dewatering in an area, the proponent shall undertake field investigations within that area to clearly delineate areas of high, high to medium, medium to low risk acid sulphate soils.
- 15-2 The proponent shall ensure that within high, high to medium and medium to low acid sulphate soil risk areas, trenches will be excavated in lengths that permit trenches to be opened and closed within a 48 hour period.
- 15-3 Prior to trenching and excavation activities, the proponent shall prepare an Acid Sulphate Soils and Dewatering Management Plan to demonstrate that all practical measures have been included to manage the potential impacts of acid sulphate soils and dewatering activities, in consultation with the Department of Environment and Conservation to the requirements of the Minister for the Environment on advice of the Environmental Protection Authority.
- 15-4 The proponent shall review and revise, as required, the Acid Sulphate Soils and Dewatering Management Plan required by condition 15-3.
- 15-5 The proponent shall implement and comply with the Acid Sulphate Soils and Dewatering Management Plan required by condition 15-3 and subsequent revisions of the Acid Sulphate Soils and Dewatering Management Plan required by condition 15-4.
- 15-6 The proponent shall make the Acid Sulphate Soils and Dewatering Management Plan, required by condition 15-3 and subsequent revisions required by condition 15-4, publicly available in a manner approved by the CEO.

16 Decommissioning

- 16-1 Prior to undertaking ground-disturbing activities, the proponent shall prepare a Preliminary Decommissioning Plan for approval by the CEO, which describes the framework and strategies to ensure that the site is left in an environmentally acceptable condition, and provides:
 - 1. the rationale for the sitting and design of plant and infrastructure as relevant to environmental protection;
 - 2. a conceptual description of the final landform at closure;
 - 3. a plan for a care and maintenance phase; and
 - 4. initial plans for the management of noxious materials.
- 16-2 At least 12 months prior to the anticipated date of closure, or at a time approved by the Environmental Protection Authority, the proponent shall submit a Final Decommissioning Plan designed to ensure that the site is left in an environmentally acceptable condition prepared on advice of the Environmental Protection Authority, for approval of the CEO.

The Final Decommissioning Plan shall set out procedures and measures for:

- 1. removal or, if appropriate, retention of plant and infrastructure agreed in consultation with relevant stakeholders;
- 2. rehabilitation of all disturbed areas to a standard suitable for the agreed new land use(s); and
- 3. identification of contaminated areas, including provision of evidence of notification and proposed management measures to relevant statutory authorities.
- 16-3 The proponent shall implement the Final Decommissioning Plan required by condition 14-2 until such time as the Minister for the Environment determines, on advice of the CEO, that the proponent's decommissioning responsibilities have been fulfilled.
- 16-4 The proponent shall make the Final Decommissioning Plan required by condition 14-2 publicly available in a manner approved by the CEO.

Notes

- 1. Where a condition states "on advice of the Environmental Protection Authority", the Environmental Protection Authority will provide that advice to the Department of Environment and Conservation for the preparation of written notice to the proponent.
- 2. The Environmental Protection Authority may seek advice from other agencies or organisations, as required, in order to provide its advice to the Department of Environment and Conservation.
- 3. The Minister for the Environment will determine any dispute between the proponent and the Environmental Protection Authority or the Department of Environment and Conservation over the fulfilment of the requirements of the conditions.

HON MARK McGOWAN MLA
MINISTER FOR THE ENVIRONMENT;
RACING AND GAMING; PEEL AND THE SOUTH WEST
1 3 DEC 2006

The Proposal (Assessment No. 1655)

The proposal is to construct and operate a number of looping sections of gas transmission pipeline adjacent and connected to the existing underground pipeline within the Dampier to Bunbury Natural Gas Pipeline (DBNGP) Corridor. There are eleven separate looping sections from south of Dampier to Wagerup West. Construction techniques will be in accordance with the requirements of AS2885 Pipelines – Gas and Liquid Petroleum and the Australian Pipeline Industry Association Code of Environmental Practice.

Table 1 - Summarised description of the proposal

Element	Description
Location	Eleven loops, the first one starts approximately 2 kilometres south of Dampier; the last loop is south of compressor station 10, which starts at about 17 kilometres south-east of Rockingham, and ends at Wagerup West (Main Line Valve 144).
Proposed action	Construct eleven pipeline looping lengths of 660 mm diameter, buried adjacent to the existing DBNGP and looped to the existing DBNGP to increase flow of natural gas.
Total length of looping	Not more than 1300 kilometres, varying from 60 to 140 kilometres per loop (approximately).
Biogeographical regions	Pilbara, Carnarvon, Gascoyne, Yalgoo, Geraldton Sand Plains, Swan Coastal Plain.
Local government authorities	Roebourne, Ashburton, Carnarvon, Upper Gascoyne, Shark Bay, Northampton, Chapman Valley, Mullewa, Irwin, Carnamah, Coorow, Dandaragan, Gingin, Chittering, City of Swan, City of Belmont, Kalamunda, Gosnells, City of Armadale, City of Cockburn, Town of Kwinana, Serpentine-Jarrahdale, Murray and Waroona.
Tenure	The pipeline will be constructed wholly within the existing DBNGP easement which is gazetted under the <i>Dampier to Bunbury Pipeline Act 1997</i> .
Easement width	The existing easement is 30 metres wide. The area to be cleared and graded in the northern loops (Dampier to Muchea) will be approximately 30 metres and south of Muchea, the area cleared will be 20 to 30 metres. In environmentally sensitive areas, working widths will be 20 metres.
Activities outside the easement	Turnaround bays, campsites, turkey nests, laydown areas, water supply sources, access roads (approximately 139 hectares, all to be rehabilitated).
Temporary area of disturbance within easement	Not more than 3200 hectares (including not more than 1300 hectares of vegetation).

Figure (attached)

Figure 1 - Pipeline Location

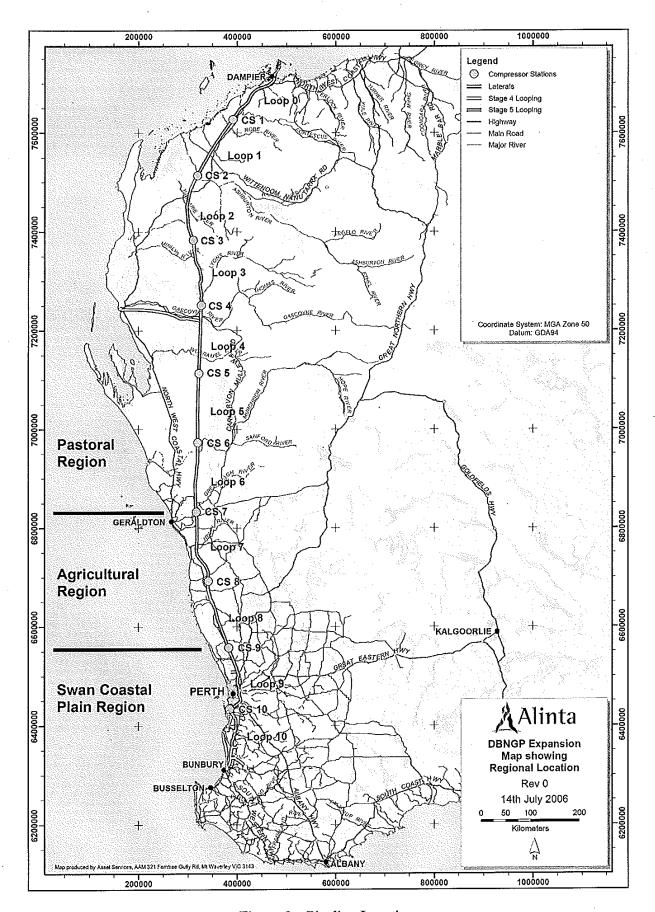


Figure 1: Pipeline Location

Attachment 1 to Statement No. 735

Change to Proposal

Proposal: The construction of eleven loops adjacent to the existing underground

gas transmission pipeline within the existing corridor to raise the

capacity of the system.

Proponent: DBNGP (WA) Nominees Pty Limited trading as the Dampier Bunbury

Pipeline.

Change: To allow for construction within additional easements granted for the

purposes of the Dampier to Bunbury Natural Gas Pipeline.

Key Characteristics Table:

Element	Description	Description of the Proposed Change
Location	Eleven loops, the first one starts approximately 2 kilometres south of Dampier, the last loop is south of compressor station 10, which starts at about 17 kilometres south-east of Rockingham, and ends at Wagerup West (Main Line valve 144).	No Change.
Proposed action	Construct eleven pipeline looping lengths of 660mm diameter, buried adjacent to the existing DBNGP and looped to the existing DBNGP to increase flow of natural gas.	No Change.
Total length of looping	Not more than 1300 kilometres, varying from 60-140 kilometres per loop (approximately).	No Change.
Biogeographical regions	Pilbara, Carnarvon, Gascoyne, Yalgoo, Geraldton Sand Plains, Swan Costal Plain.	No Change.
Local government authorities	Roebourne, Ashburton, Carnarvon, Upper Gascoyne, Shark Bay, Northampton, Chapman Valley, Mullewa, Irwin, Carnamah, Coorow, Dandaragan, Gingin, Chittering, City of Swan, City of Belmont, Kalamunda, Gosnells, City of Armadale, City of Cockburn, Town of Kwinana, Serpentine-Jarrahdale, Murray and Waroona.	No Change.

Tenure	The pipeline will be constructed wholly within the existing DBNGP easement which is gazetted under the <i>Dampier to Bunbury Pipeline Act 1997.</i>	The pipeline will be constructed wholly within the existing DBNGP easement which is gazetted under the Dampier to Bunbury Pipeline Act 1997 and the easement identified as Easement A as shown on the deposited plan numbered DP 67493 (figure 2).
Easement width	The existing easement is 30 metres wide. The area to be cleared and graded in the northern loops (Dampier to Muchea) will be approximately 30 metres and south of Muchea, the area cleared will be 20 to 30 metres. IN environmentally sensitive areas, working widths will be 20 metres.	The existing DBNGP corridor is 30 metres wide. The area to be cleared and graded in the northern loops (Dampier to Muchea) will be approximately 30 metres and south of Muchea, the area cleared will be 20 to 30 metres. In environmentally sensitive areas, working widths will be 20 metres. Additional easements may vary in width and all clearing will be subject to the conditions of the Ministerial Statement.
Activities outside the easement	Turnaround bays, campsites, turkeys nests, laydown areas, water supply sources, access roads (approximately 139ha, all to be rehabilitated).	No Change.
Temporary area of disturbance within easement	Not more than 3200 hectares (including not more than 1300 hectares of vegetation).	No Change.

Dr Paul Vogel
CHAIRMAN
Environmental Protection Authority
under delegated authority

Approval date: 5 August 2011

