



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

**DAMPIER TO BUNBURY NATURAL GAS PIPELINE  
NORTHERN LOOPING PROJECT, LOOPS 1 TO 9  
KARRATHA TO BULLSBROOK**

**Proposal:** To construct and operate nine looping sections adjacent (and connected) to the existing underground gas transmission pipeline within the Dampier to Bunbury Natural Gas Pipeline corridor

**Proponent:** DBNGP (WA) Nominees Pty Limited

**Proponent Address:** Level 7 GHD House 239 Adelaide Terrace PERTH WA 6000

**Assessment Number:** 1611

**Report of the Environmental Protection Authority:** Bulletin 1208

The proposal referred to above may be implemented by the proponent subject to the following conditions and procedures:

**1 Implementation**

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

**2 Proponent Commitments**

- 2-1 The proponent shall implement the environmental management commitments documented in schedule 2 of this statement.

Published on

**30 DEC 2005**

### **3 Proponent Nomination and Contact Details**

- 3-1 The proponent for the time being nominated by the Minister for the Environment under section 38(6) or (7) of the *Environmental Protection Act 1986* is responsible for the implementation of the proposal until such time as the Minister for the Environment has exercised the Minister's power under section 38(7) of the Act to revoke the nomination of that proponent and nominate another person as the proponent for the proposal.
- 3-2 If the proponent wishes to relinquish the nomination, the proponent shall apply for the transfer of proponent and provide a letter with a copy of this statement endorsed by the proposed replacement proponent that the proposal will be carried out in accordance with this statement. Contact details and appropriate documentation on the capability of the proposed replacement proponent to carry out the proposal shall also be provided.
- 3-3 The nominated proponent shall notify the Department of Environment of any change of contact name and address within 60 days of such change.

### **4 Commencement and Time Limit of Approval**

- 4-1 The proponent shall substantially commence the proposal within five years of the date of this statement or the approval granted in this statement shall lapse and be void.

Note: The Minister for the Environment will determine any dispute as to whether the proposal has been substantially commenced.

- 4-2 The proponent shall make application for any extension of approval for the substantial commencement of the proposal beyond five years from the date of this statement to the Minister for the Environment, prior to the expiration of the five-year period referred to in condition 4-1.

The application shall demonstrate that:

1. the environmental factors of the proposal have not changed significantly;
2. new, significant, environmental issues have not arisen; and
3. all relevant government authorities have been consulted.

Note: The Minister for the Environment may consider the grant of an extension of the time limit of approval not exceeding five years for the substantial commencement of the proposal.

## **5 Compliance Audit and Performance Review**

5-1 The proponent shall prepare an audit program and submit compliance reports to the Department of Environment which addresses:

1. the status of implementation of the proposal as defined in schedule 1 of this statement;
2. evidence of compliance with the conditions and commitments; and
3. the performance of the environmental management plans and programmes.

Note: Under sections 48(1) and 47(2) of the *Environmental Protection Act 1986*, the Chief Executive Officer of the Department of Environment is empowered to monitor the compliance of the proponent with the statement and should directly receive the compliance documentation, including environmental management plans, related to the conditions, procedures and commitments contained in this statement.

5-2 The proponent shall submit a performance review report every five years following the formal authority issued to the decision-making authorities under section 45(7) of the *Environmental Protection Act 1986*, to the requirements of the Minister for the Environment on advice of 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 practicable measures available;
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.

5-3 The proponent may submit a report prepared by an independent auditor to the Chief Executive Officer of the Department of Environment on each condition and commitment of this statement which requires the preparation of a management plan, programme, strategy or system, stating whether the requirements of each condition and commitment has been fulfilled within the timeframe stated within each condition and commitment.

## **6 Timing of Works**

- 6-1 The proponent shall ensure that construction works for loops 8 and 9 cease by 15 June 2006, unless otherwise authorised by the Minister for the Environment.
- 6-2 The proponent shall ensure that construction works for loops 1 and 2 cease by 31 October 2006, unless otherwise authorised by the Minister for the Environment.

Note: Construction includes all works up to and including backfilling of the trench.

## **7 Flora**

- 7-1 Prior to vegetation clearing commencing for loops 8 and 9, the proponent shall submit a report which details the results of the spring flora surveys undertaken in 2005, to the requirements of the Minister for the Environment, on advice of the Department of Conservation and Land Management.

This report shall:

- 1. record the location of any Declared Rare Flora, Priority Flora and other species of conservation significance;
- 2. identify any 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;
- 4. specify the degree of impact of the proposed works on specially protected or conservation significant flora species, its identified contiguous habitat or environmentally sensitive areas;
- 5. identify the proposed management strategy for the protection of Declared Rare Flora, Priority Flora, other conservation significant species and environmentally sensitive areas identified; and
- 6. identify the post activity monitoring plan of specially protected or conservation significant flora species.

- 7-2 Prior to vegetation clearing commencing for loops 1 to 6, the proponent shall undertake flora and vegetation surveys, and submit a report which details the results of the surveys, to the requirements of the Minister for the Environment, on advice of the Department of Conservation and Land Management.

This report shall:

- 1. record the location of any Declared Rare Flora, Priority Flora and other species of conservation significance;
- 2. identify any 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;
4. specify the degree of impact of the proposed works on specially protected or conservation significant flora species, its identified contiguous habitat or environmentally sensitive areas;
5. identify the proposed management strategy for the protection of Declared Rare Flora, Priority Flora, other conservation significant species and environmentally sensitive areas identified; and
6. identify the post activity monitoring plan of specially protected or conservation significant flora species.

7-3 The proponent shall not disturb any Declared Rare Flora, without prior approval by the Minister for the Environment, pursuant to the provisions of *Wildlife Conservation Act 1950*.

## **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 or allow disturbance of vegetation outside the delineated pipeline easement, or the area of disturbance outside the easement, as referred to in condition 8-1.

8-3 The proponent shall not cause or allow disturbance outside the 20-metre wide easement for the environmentally sensitive areas of Coomallo Nature Reserve, the unmanaged reserve south of compressor station 8, and the Conservation Category Wetland on loop 9 and the environmentally sensitive areas identified in conditions 7-1 and 7-2, unless authorised by the Minister for the Environment.

## **9 Fauna**

9-1 The proponent shall limit the length of open trench in Coomallo Nature Reserve to a maximum length of two and a half kilometres at any time.

9-2 The proponent shall limit the length of open trench, in the unmanaged reserve south of compressor station 8, the Conservation Category Wetland on loop 9, and other environmentally sensitive areas identified in conditions 7-1 and 7-2, to a maximum length of five kilometres at any time.

9-3 The proponent shall limit the length of open trench in other sections of the pipeline construction to a maximum length of twenty kilometres at any time, except when excavating in “rocky terrain”, where an additional ten kilometres is permitted.

- 9-4 No part of the trench shall remain open for more than 14 days.
- 9-5 Prior to vegetation clearing, the proponent shall mark significant habitat trees of sufficient age to form nesting hollows for hollow-nesting birds and mammals, in consultation with the Department of Conservation and Land Management and the Department of Environment.
- The proponent shall not fell marked trees, except in the case where habitat trees occur in the direct line of the proposed pipeline.
- 9-6 The proponent shall employ at least two “fauna clearing persons” to remove fauna from the trench. The “fauna clearing persons” shall be able to demonstrate suitable experience to obtain a fauna handling licence by the Department of Conservation and Land Management.
- 9-7 In the event of significant rainfall, the proponent shall, following the clearing of fauna from the trench, pump out any pooled water in the open trench (with the exception of groundwater) and discharge it via a mesh (to dissipate energy) to adjacent vegetated areas.
- 9-8 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 Conservation and Land Management, to the requirements of the Minister for the Environment, on advice of the Environmental Protection Authority.

This Plan shall set out procedures:

1. for clearing of the area of the open trench by the “fauna clearing persons” each day at appropriate times determined by location then half an hour prior to the backfilling of the pipeline trench; and
2. to minimise and manage impacts on conservation significant fauna species identified in the Bamford (2005) report provided in Appendix 5 of the proponent’s *Assessment on Referral Information* document dated November 2005.

Definition:

“Fauna clearing persons” means employees whose responsibility is to daily walk the open trench to recover and record fauna found within the trench.

- 9-9 The proponent shall implement the Fauna Management Plan required by condition 9-8.
- 9-10 The proponent shall review and revise, as required, the Fauna Management Plan required by condition 9-8.
- 9-11 The proponent shall implement subsequent revisions of the Fauna Management Plan required by condition 9-10.

- 9-12 The proponent shall make the Fauna Management Plan required by condition 9-8 and subsequent revisions required by condition 9-10 publicly available.

## **10 Rehabilitation**

- 10-1 The proponent shall revise the Rehabilitation Management Plan provided in Appendix 4 of the proponent's *Assessment on Referral Information* document dated November 2005, and set out completion criteria prior to ground-disturbing activities associated with pipeline construction. This Plan shall be revised in consultation with the Department of Conservation and Land Management, and be to the requirements of the Minister for the Environment on advice of the Environment Protection Authority.

Note: activities for pipeline construction does not include survey work, fencing, campsite construction and associated access requirements for these activities.

- 10-2 The proponent shall continue to manage rehabilitation of the pipeline route until the completion criteria, outlined in condition 10-1, have been achieved to the requirements of the Minister for the Environment on advice of the Environment Protection Authority and the Department of Conservation and Land Management.

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

- 10-3 The proponent shall implement the Rehabilitation Management Plan required by condition 10-1.
- 10-4 Within 12 months following the completion of construction, and as required thereafter, the proponent shall, in consultation with the Department of Conservation and Land Management, review and revise the Rehabilitation Management Plan required by condition 10-1.
- 10-5 The proponent shall implement subsequent revisions of the Rehabilitation Management Plan required by condition 10-4.
- 10-6 The proponent shall make the Rehabilitation Management Plan required by condition 10-1, and subsequent revisions required by condition 10-4 publicly available.

## **11 Acid Sulphate Soils and Dewatering**

- 11-1 The proponent shall, prior to trenching and excavation activities, prepare an Acid Sulphate Soils and Dewatering Management Plan to demonstrate that all practical measures have been included to manage the potential impacts from acid sulphate soils and dewatering activities, to the requirements of the Minister for the Environment on advice of the Environmental Protection Authority.

- 11-2 The proponent shall implement and comply with the Acid Sulphate Soils and Dewatering Management Plan, required by condition 11-1.
- 11-3 The proponent shall review and revise, as required, the Acid Sulphate Soils and Dewatering Management Plan required by condition 11-1.
- 11-4 The proponent shall implement subsequent revisions of the Acid Sulphate Soils and Dewatering Management Plan required by condition 11-3.
- 11-5 The proponent shall make the Acid Sulphate Soils and Dewatering Management Plan, required by condition 11-1 and subsequent revisions required by condition 11-3 publicly available.

## **12 River Crossings**

- 12-1 The proponent shall delineate the riparian vegetation along Peter Creek, Ashburton River, Minilya River (north), Gascoyne River, Davis Creek and Coomallo Creek to the requirements of the Minister for the Environment on advice of the Department of Conservation and Land Management.
- 12-2 The proponent shall not cause or allow disturbance of riparian vegetation or the creek bed and banks during construction works of the river crossings at Peter Creek, Ashburton River, Minilya River (north), Gascoyne River, Davis Creek and Coomallo Creek, unless authorised by the Water and Rivers Commission under the provisions of the *Rights in Water and Irrigation Act 1914*.



## Procedures

1. Where a condition states "to the requirements of the Minister for the Environment on advice of the Environmental Protection Authority", the Environmental Protection Authority will provide that advice to the Department of Environment for the preparation of written notice to the proponent.
2. Where a condition states "to the requirements of the Minister for the Environment on advice of the Department of Conservation and Land Management", the proponent shall provide the advice of the Department of Conservation and Land Management to the Department of Environment for the preparation of written notice to the proponent.
3. 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.
4. Where a condition lists advisory bodies, it is expected that the proponent will obtain the advice of those listed as part of its compliance reporting to the Department of Environment.

## Notes

1. The Minister for the Environment will determine any dispute between the proponent and the Environmental Protection Authority or the Department of Environment over the fulfilment of the requirements of the conditions.
2. The proponent is required to apply for a Ground Water Abstraction Licence for this project in order to conduct dewatering activities in accordance with the *Rights in Water and Irrigation Act 1914*.

Dr Judy Edwards MLA  
MINISTER FOR THE ENVIRONMENT; SCIENCE

30 DEC 2005

**The Proposal (Assessment No. 1611)**

The proponent proposes to construct and operate a number of looping sections adjacent (and connected) to the existing underground gas transmission pipeline within the Dampier to Bunbury Natural Gas Pipeline corridor. There are nine separate looping sections proposed from compressor station 1 south of Karratha, to compressor station 9, north of Gingin. 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: Summary of key proposal characteristics**

Element	Description			
Location	There will be nine loops. The first one at compressor station 1, which is about 125 kilometres south of Karratha, and the last one, south of compressor station 9, which is north of Gingin			
Proposed action	Construct nine pipeline looping lengths of 660 millimetres in diameter, buried adjacent to the existing DBNGP. These pipeline lengths will be looped to the existing DBNGP to increase flow of natural gas			
Total length of looping	Approximately 194 kilometres			
Characteristics of each loop	No	Approximate length	Region	Shire
	1	12 kilometres	Pilbara	Roebourne
	2	32 kilometres	Carnarvon	Ashburton
	3	25 kilometres	Gascoyne	Carnarvon
	4	25 kilometres	Carnarvon	Upper Gascoyne
	5	22 kilometres	Carnarvon	Shark Bay
	6	11 kilometres	Carnarvon	Northampton
	7	6 kilometres	Northern Sand Plains	Mullewa
	8	46 kilometres	Northern Sand Plains	Carnamah, Coorow and Dandaragan
	9	15 kilometres	Swan Coastal Plain	Gingin
Proposed 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 existing easement is 30 metres wide. The area to be cleared and graded will be approximately 25 metres wide, except in environmentally sensitive areas, where it will be 20 metres			
Activities outside the DBNGP easement	<ul style="list-style-type: none"> <li>• Turnaround bays</li> <li>• Campsites</li> </ul>			
Temporary areas of disturbance	Approximately 635 hectares			
Temporary area of vegetation clearance	Approximately 466 hectares			
Construction duration	Approximately 12 months			
Construction workforce	150 to 250 people			

**Key**

DBNGP – Dampier to Bunbury Natural Gas Pipeline

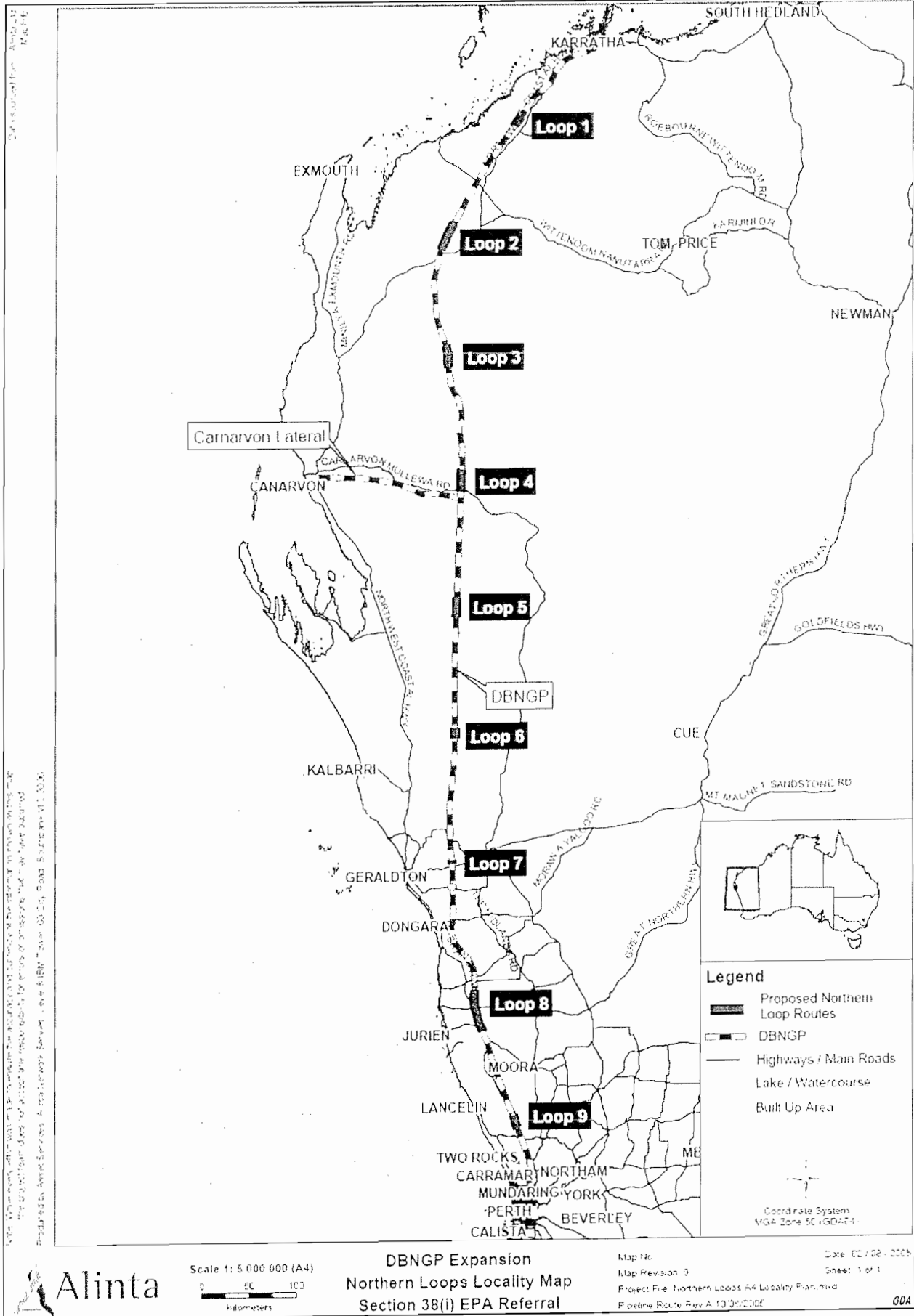


Figure 1: Pipeline location

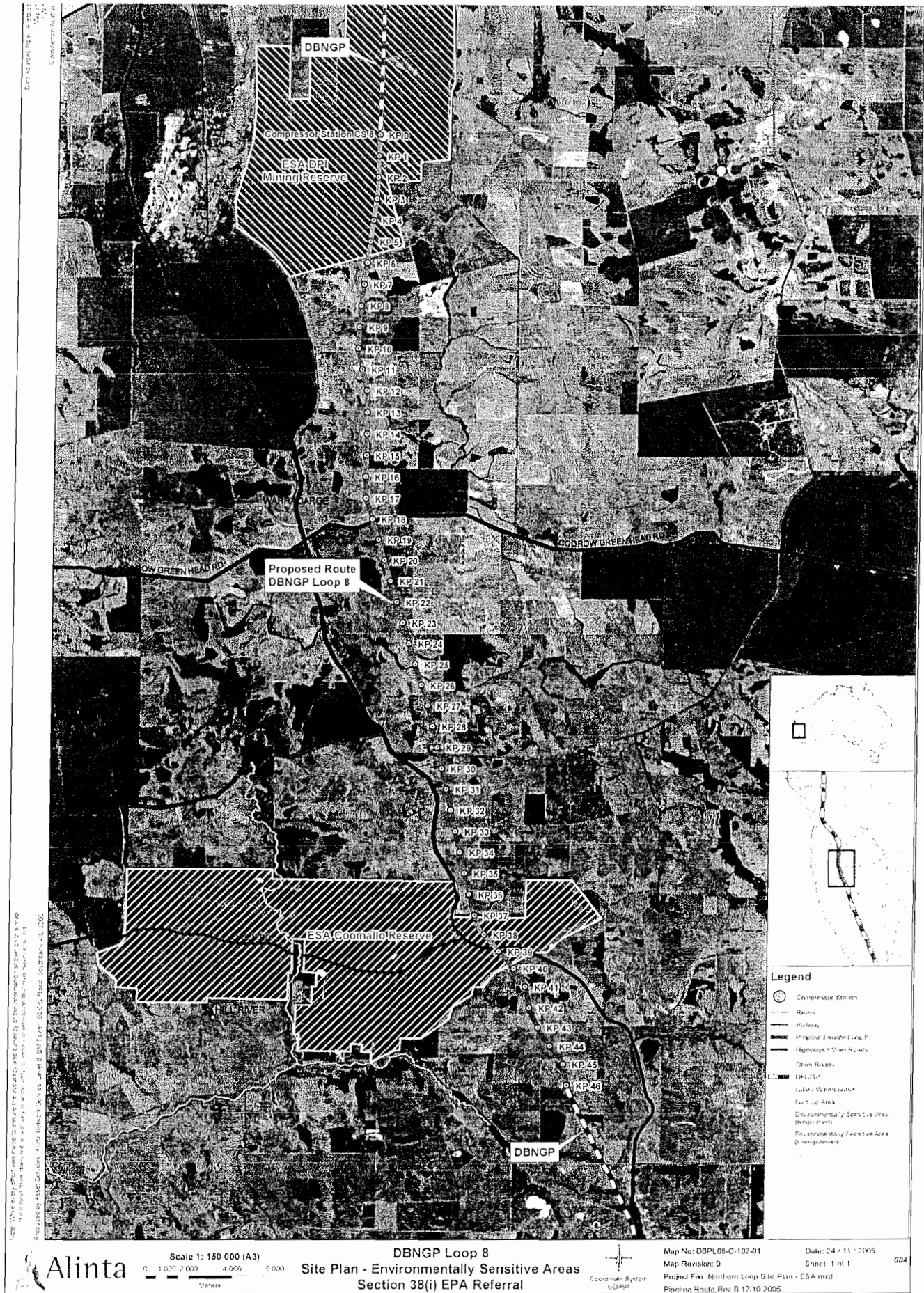


Figure 2: Environmentally sensitive areas within loop 8



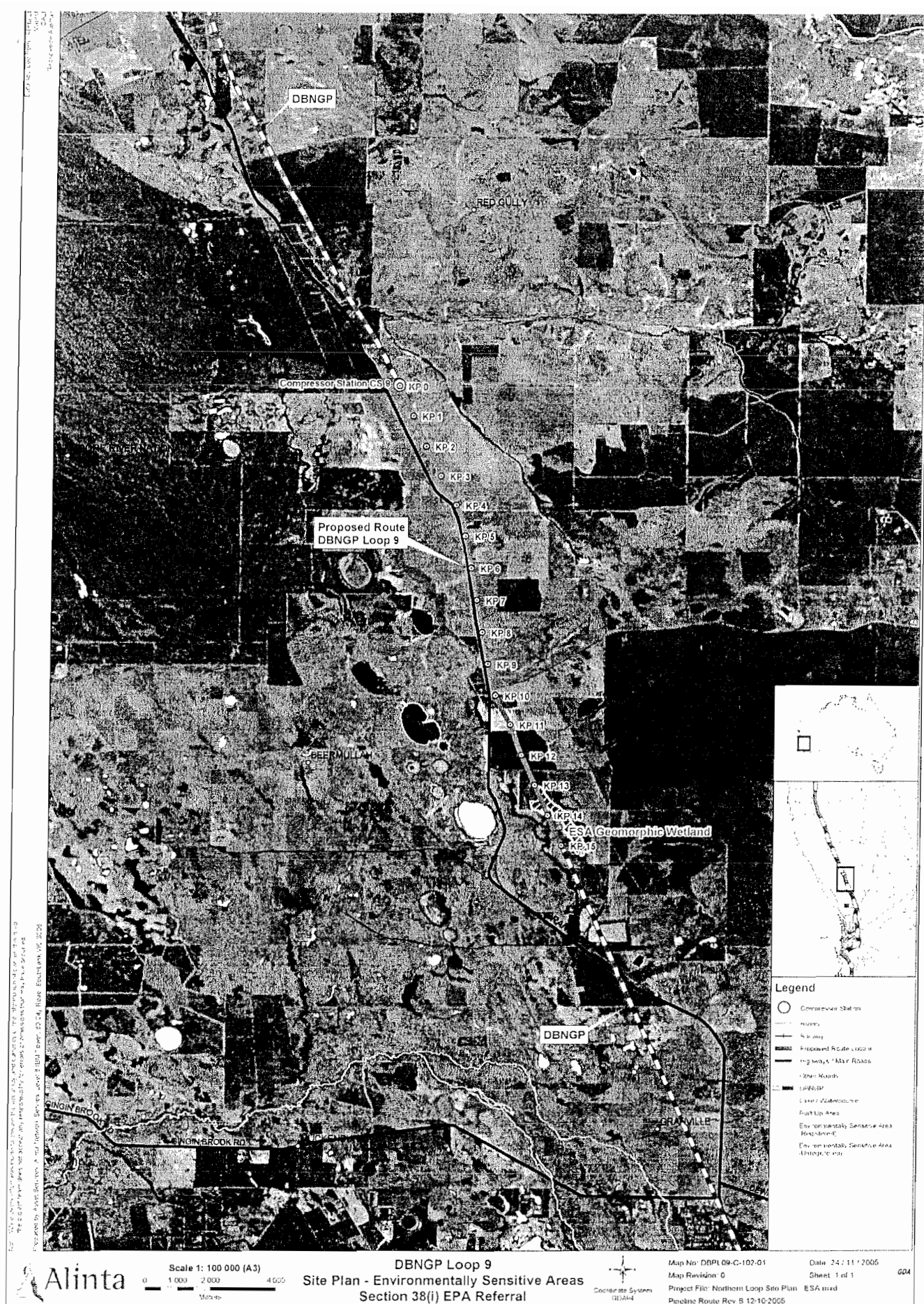


Figure 3: Environmentally sensitive areas within loop 9

## Schedule 2

**Proponent's Environmental Management Commitments – November 2005**  
**NORTHERN LOOPING PROJECT, LOOPS 1 TO 9, KARRATHA TO BULLSBROOK (Assessment No. 1611)**

**Note:** The term “commitment” as used in this schedule includes the entire row of the table and its six separate parts as follows:

- a commitment number;
- a commitment topic;
- the objective of the commitment;
- the ‘action’ to be undertaken by the proponent;
- the timing requirements of the commitment; and
- the agency to provide technical advice to the Department of Environment.

No.	Topic	Objective	Action	Timing	Advice
1	Weeds and dieback	Minimise the spread and introduction of weeds and dieback within the project area	1. Revise the draft Hygiene Protocol provided in Appendix 6 of the proponent's <i>Assessment on Referral Information</i> document, dated November 2005, to include: <ul style="list-style-type: none"> <li>(a) results of weed and dieback surveys;</li> <li>(b) measures to manage potential impacts;</li> <li>(c) identification of potential risks; and</li> <li>(d) timing requirements to undertake the management measures.</li> </ul> 2. Implement the Hygiene Protocol	Prior to construction	CALM
2	Construction Environmental Management Plan	Minimise and manage environmental impacts during the construction phase	1. Prepare a comprehensive Construction Environmental Management Plan that covers the management and monitoring requirements for the environmental aspects of the project, including bushfire management, discharge of hydrotest water, erosion control and management of dust on vegetation. This plan shall also include the specific requirements that pertain to any environmental impacts in the individual loops. 2. Implement the Construction Environmental Management Plan	Construction	CALM
3	Rehabilitation	Ensure rehabilitation is being monitored	The proponent shall consider providing some of the operational costs for CALM representatives to conduct occasional rehabilitation monitoring. This will be discussed between CALM and the proponent prior to this monitoring occurring.	Post construction	CALM

CALM - Department of Conservation and Land Management

Attachment to Statement 710

Change to Description of Proposal

**Proposal:** Dampier to Bunbury Natural Gas Pipeline Northern Looping Project,  
Loops 1 to 9 Karratha to Bullsbrook

**Proponent:** DBNGP (WA) Nominees Pty Limited

**Change:** To Schedule 1

**From:**

<b>Element:</b> Activities outside the DBNGP Easement	<b>Quantities/Description:</b> <ul style="list-style-type: none"><li>• Turnaround Bays</li><li>• Campsites</li></ul>
Temporary areas of disturbance	Approximately 635 hectares
Temporary area of vegetation clearance	Approximately 466 hectares

**To:**

<b>Element:</b> Activities outside the DBNGP Easement	<b>Quantities/Description:</b> <ul style="list-style-type: none"><li>• Additional areas to store overburden during river crossing construction (total 3ha)</li></ul>
Temporary areas of disturbance	Approximately 638 hectares
Temporary area of vegetation clearance	Approximately 467 hectares

**Approval Date:** 29 JUN 2006