

CULCAIEN - WAGGA WAGGA



NEW SOUTH WALES GOVERNMENT

PIPELINES ACT 1967

LICENCE No. 23

INSTRUMENT OF GRANT OF PIPELINE LICENCE

PIPELINES ACT 1967

LICENCE No. 23

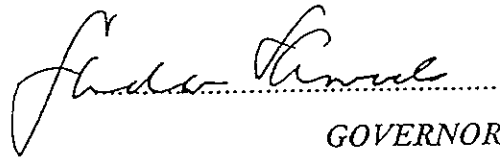
East Australian Pipeline Limited (ACN 064 629 009), having its registered office at 115 Canberra Avenue, Griffith, ACT 2603, has applied in accordance with the provisions of sections 12 and 13 of the *Pipelines Act 1967* (hereinafter called "the Act") and the *Pipelines Regulation 1993* (hereinafter called "the Regulation") for a licence to operate a pipeline to convey natural gas between Culcairn and Wagga Wagga (hereinafter called Licence No. 23), and has agreed at Annexure A to accept the Licence and the provisions and conditions attached thereto.

This application complies with the provisions of the Act and Regulation and therefore I, the Hon. Gordon Samuels AC, Governor of the State of New South Wales, acting with the advice of the Executive Council, do grant Licence No. 23 for a period of twenty one (21) years effective from my signing of the Licence.

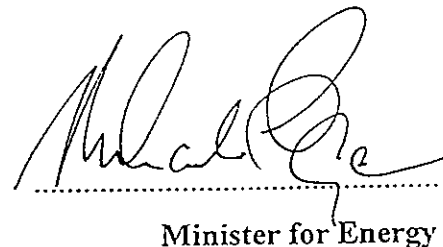
The lands effected by the pipeline are the easements associated with Deposited Plans 499074, 499075, 499076 and sheets 1 - 6 of 499077, lodged at the Land Titles Office, Sydney.

This Licence is granted subject to the requirements of and conditions set forth in Annexure B.

Signed at Sydney, New South Wales this.....1st.....day of...October...1997.


GOVERNOR

By His Excellency's Command

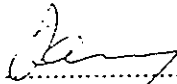

Minister for Energy

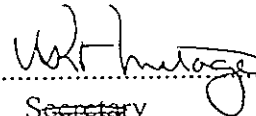
ANNEXURE A
PIPELINES ACT 1967
LICENCE No. 23

East Australian Pipeline Limited (ACN 064 629 009), having its registered office at 115 Canberra Avenue, Griffith, ACT 2603, hereby agree to be bound by this Licence and confirms any warranties given therein.

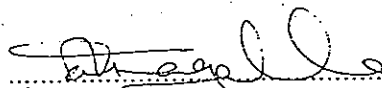
The Common Seal of
EAST AUSTRALIAN PIPELINE LIMITED,
ACN 064 629 009,
was affixed in the presence of




Director
East Australian Pipeline Limited


Secretary
DIRECTOR

Registered in the Register of Permits and Licences kept in the Department of Energy of
New South Wales at Sydney this 17th day of October 1997.


for Director-General
Department of Energy

ANNEXURE B

This and the succeeding pages are the conditions for Licence No. 23 granted on

1. DEFINITIONS

In this Licence, unless the contrary appears:

- (a) words in the singular include the plural and vice versa;
- (b) words denoting individuals include corporations and vice versa;
- (c) words denoting any gender include all genders;
- (d) headings are inserted for convenience of reference only and do not affect the interpretation or construction of this Licence;
- (e) schedules and annexures to this Licence form part of this Licence;
- (f) references to any party to this Licence or any other document or agreement include, where relevant, its successors, assigns, agents and representatives;
- (g) references to any agreement, document or legislation include a reference to such agreement, document or legislation as amended, varied, noted, supplemented or replaced from time to time;
- (h) if any condition of this Licence remains to be fulfilled on the expiry of this Licence, that condition shall survive the expiry;
- (i) "Act" means the *Pipelines Act 1967*;
- (j) "Application" means the application by the Licensee dated 25 February 1997.
- (k) "AS 2885" refers to the following parts of the Australian Standard, *Pipelines-Gas and liquid petroleum* published by the Council of the Standards Association of Australia as in effect from time to time:

AS 2885.1-1997 Part 1: Design and construction

AS 2885.2-1995 Part 2: Welding

AS 2885.3-1997 Part 3: Operation and maintenance

- (l) "business day" means a day on which trading banks are open for business in Sydney;
- (m) "Department" means the Department of Energy;
- (n) "Director-General" means the person from time to time holding office (or equivalent office) as Director-General, Department of Energy;
- (o) "Licence No. 23" comprises this Licence and the Application;
- (p) "Licence Area" has the meaning specified in the Act;
- (q) "Licensee" refers to East Australian Pipeline Limited ACN 064 629 009 and includes where relevant, its successors, assigns, agents and representatives;
- (r) "MAOP" means Maximum Allowable Operating Pressure;
- (s) "Minister" means the Minister for Energy;
- (t) "pipeline" includes any apparatus thereto;
- (u) "Regulation" means the Pipelines Regulation 1993;

- (v) "recognised" means recognised by Standards Association of Australia such as ANZS/ISO 9000 series or by the Director-General reasonably based on good pipeline practice;
- (w) "public authority" has the meaning specified in the Act.

2. PIPELINE DESCRIPTION AND ENGINEERING DETAILS

The pipeline to which this Licence applies is described in Schedule 1.

The Licensee warrants that technical and other information supplied in support of its application for this licence and otherwise as required by the Licence is true and correct to the best of the knowledge of the Licensee, the Licensee having made full and diligent inquiry.

3. RESPONSIBILITY OF THE LICENSEE

Nothing in this Licence alters the Licensee's responsibility under any law for overall protection of its personnel, the public and property, and the environment from undue effects of any activities associated with construction, operation and maintenance of the pipeline.

4. COMPLIANCE WITH LAW AND STANDARDS

In carrying out its obligations under this Licence, the Licensee must comply with all requirements imposed by law and with all recognised standards and practices to operate and maintain the pipeline and must obtain all the necessary consents and approvals.

5. CONSTRUCTION, OPERATION AND MAINTENANCE

The Licensee must construct, operate and maintain the pipeline and its apparatus in such manner as is reasonably necessary to protect all persons, property and the environment from injury, loss, damage and other harm as the case may be. Except as otherwise required by this Licence, the Licensee must design, construct, operate and maintain the pipeline in accordance the requirements of the Act, the Regulation, and AS2885.

5.1 Risk Assessment

- (1) The Licensee must undertake a risk assessment study in accordance with Section 2 of AS2885.1 and submit a report of the study to the Director-General before commencement of construction, or such other time as agreed in writing by the Director-General. This must include, as specified in that Section, the identification, evaluation and management of risks.
- (2) The study must include a report of an independently chaired hazard and operability study for above-ground facilities.
- (3) The study may include a final hazard analysis where this has been prepared as part of the design.

5.2 Construction

- (1) The pipeline must be constructed in accordance with:
 - (a) the Environment Management Plan approved by the Director-General on 2 September, 1997.

- (b) the Construction Safety Plan approved by the Director-General on 2 September, 1997.
- (2) The Licensee must furnish to the Department of Energy details of the following as required under Section 2 of Schedule 2 of Permit No. 16, *Environmental Audit*, before commencement of construction:
 - (a) a monitoring program involving a plan for inspection and monitoring of all activities and environmental qualities which are important to the environmental management of the project including:
 - (i) specific tests, protocols (eg frequency and location),
 - (ii) performance criteria and procedures; and
 - (iii) an outline of on-going reporting proposals
 - (b) audit verification procedures providing for the following matters to be reported on in particular:
 - (i) assessment of key impact predictions (in the EIS and supplementary documentation) with details of the extent to which actual impacts reflect predictions;
 - (ii) assessment of suitability of mitigation measures or safeguards;
 - (iii) reporting on compliance with the Environment Management Plan and corrective or preventive actions taken in case of non-compliance;
 - (iv) agencies to receive reports on the progress of construction, and safety and environment management; and
 - (v) mechanism by which the relevant agencies can access any detailed audit reports relating to any location and any particular parameter.
- (3) Without affecting the generality of Condition 4, the licensee must obtain any approval required from other authorities in respect of the construction of any part of the pipeline. Before such construction commences, the licensee must submit to the Director-General a statement that it has obtained the approvals and indicate how it will comply with any conditions.
- (4) The Licensee must report to the relevant agencies on the progress of the construction including the safety and environmental management aspects

5.3 Operation and Maintenance of the pipeline

The Licensee must operate and maintain the pipeline in accordance with the safety and operating plan lodged with the Director-General under condition 6 of this Licence.

5.4 Maximum Allowable Operating Pressure

Unless otherwise approved or directed in writing by the Director-General,

- (a) the MAOP of the pipeline must not exceed that determined in accordance with AS2885; and
- (b) control devices must comply with the requirements of AS 2885.

5.5 Repairs and Maintenance of Works

The Licensee must, when undertaking any maintenance or repairs to the pipeline, comply with all relevant safety requirements imposed by law and with recognised safety standards and practices. Such requirements must be detailed in the safety and operating plan.

5.6 Corrosion Control

- (1) The Licensee must operate and maintain cathodic protection systems on the pipeline and associated structures in accordance with recognised standards and practices including the current version of Australian Standard AS 2832.1, *Guide to the cathodic protection of metals, Part 1 – Pipes, cables and ducts*, and AS 2885 in order to minimise risk of corrosion damage to the pipeline.
- (2) The Licensee must ensure that the cathodic protection system of the pipeline does not cause corrosion to other nearby structures.
- (3) The safety and operating plan must state the type of testing and the planned timings at which the Licensee plans to carry out such inspections and surveys.

5.7 Reviews

- (1) The Licensee must review the operation of the pipeline in accordance with Section 4 of AS 2885.3.
- (2) The safety and operating plan must provide for such reviews.

6. SAFETY AND OPERATING PLAN

6.1 Lodgement of safety and operating plan

- (1) The Licensee must
 - (a) before commencement of operation of the pipeline, or within such other time as may be approved in writing by the Director-General, lodge with the Director-General a safety and operating plan for the pipeline prepared in accordance with Section 3 of AS2885.3 and as required under this Licence, and
 - (b) implement the Plan.
- (2) The object of a safety and operating plan is to ensure the safe operation of the pipeline. Accordingly, the Plan must demonstrate to the Director-General, how the Licensee provides for safe operation of the pipeline while complying with statutory requirements and AS 2885, and must satisfy the requirements of recognised quality management and safety standards
- (3) Nothing in this clause may be taken to permit the Licensee to operate the pipeline without adequate or recognised safety and operating procedures or practices before the safety and operating plan is accepted by the Director-General or subsequently.

6.2 Nomination of persons to audit safety and operating plan

- (1) The Licensee must nominate a person to the Director-General as a person who is:

- (a) independent of the Licensee; and
- (b) competent to exercise the functions of an auditor under this Licence in respect of its safety and operating plan,
- (2) If the Director-General advises the Licensee that a nomination is not accepted or is no longer acceptable,
 - (a) the nomination ceases to have effect for the purposes of this Licence; and
 - (b) the Licensee must submit another nomination in its place.

6.3 Initial audits of safety and operating plans

- (1) A safety and operating plan must bear a certificate from a nominated auditor certifying that:
 - (a) the plan complies with the requirements of this Licence, and
 - (b) the plan is appropriate having regard to the size and complexity of the pipeline system,
 - (c) all measures intended to prevent hazardous events identified in the plan from occurring, and intended to protect operating personnel, the pipeline, the community and the environment should such they occur, are in place, and
 - (d) there are properly trained and equipped personnel available to implement the emergency procedures set out in the plan.
- (2) The certificate must include a summary of the procedures, standards, tests, inspections and maintenance measures contained in the plan.

6.4 Periodical audits of safety and operating plans

- (1) A Licensee must within one month after the end of each auditing period, lodge with the Director-General in respect of its safety and operating plan:
 - (a) a certificate from a nominated auditor certifying that:
 - (i) all measures intended to prevent hazardous events identified in the plan from occurring, and intended to protect operating personnel, the pipeline, the community and the environment should such an event occur, are in place; and
 - (ii) there are properly trained and equipped personnel available to implement the emergency procedures set out in the plan; and
 - (b) A report from the same auditor reviewing the plan for adequacy and appropriateness having regard to any changes in the pipeline since the previous audit certificate was issued.
- (2) The auditor's report must include:
 - (a) any non-compliance with the plan, identified during the audit
 - (b) any modifications suggested to be made to the plan with a view to improving effectiveness of the plan
- (3) In this condition, auditing period, in relation to a safety and operating plan, means a period of 12 months, or such further period as may be approved by

the Director-General, commencing on the date on which the previous audit certificate in respect of the plan was lodged with the Director-General.

6.5 Availability of safety and operating plans

The Licensee must:

- (a) cause a copy of its safety and operating plan to be kept at its principal office, and
- (b) cause copies of such of the provisions of the Plan as relate to safety to be made available in such a way that, as far as is practicable, the provisions are brought to the notice of the persons likely to be involved in the implementation of the plan.

6.6 Director-General may direct amendment of safety and operating plans

- (1) If the Director-General is of the opinion:

- (a) that a safety and operating plan will not produce a safe outcome, or
- (b) that its implementation has given rise to, or will give rise to, an unsafe situation,

the Director-General may, by order in writing, direct the Licensee to amend the plan in such a manner as is specified in the order.

- (2) The Licensee must comply with any direction under this condition.

6.7 Director-General may direct compliance with safety and operating plans

- (1) If the Director-General is of the opinion that the Licensee is not:

- (a) complying with the requirements of its safety and operating plan or any codes, standards or specifications set out or referred in that plan, or
- (b) following the procedures set out or referred in that plan,

the Director-General may, by order in writing, direct the Licensee to take such action as is specified in the order to comply with those requirements, codes, standards or specifications or follow those procedures.

- (2) The Licensee must comply with any direction under this clause.

7. ADVICE TO CONTRACTORS

The Licensee must use all reasonable endeavours to ensure that contractors engaged by it comply with the relevant safety and environmental requirements imposed by law, with the requirements of the Environment Management Plan, Construction Safety Plan, safety and operating plan, and with recognised safety and environmental standards and practices, when undertaking any maintenance or repairs on the pipeline.

8. ALTERATIONS TO PIPELINE

- (1) Except as provided in this clause, before undertaking any works involving permanent alteration to the pipeline, the Licensee must give written notice of the works to the Director-General. In the case of an emergency, the Licensee must notify the Director-General as soon as practicable after undertaking any alterations to the pipeline.

- (2) On completion of any of the works or alterations referred to in condition 8.1, the Licensee must certify to the Director-General in writing that the alteration or works were undertaken in accordance with the requirements of this licence including the safety and operating plan, any safety and environmental requirements imposed by law and recognised safety and environmental standards and practices.

9. RECORDS AND RETURNS

9.1 Pipeline Construction Records

The Licensee must maintain records of the pipeline with regard to manufacture, testing, installation and commissioning.

9.2 Pipeline Condition and Maintenance Records

The Licensee must maintain records of the pipeline, including records of internal and external corrosion, the depth of pits, the condition of pipe coating, leaks, breaks and damage and other records relating to routine or unusual inspections, maintenance and repair, necessary for the Licensee to assess and report to the Director-General on the condition of the pipeline at any time. Such records will be held by the Licensee for as long as the pipeline or any relevant section of it remains in operation. The records must be made available to the Director-General, in such form and at such times, as the Director-General may reasonably require.

9.3 Other Information Required by the Director-General

The Licensee must provide such other information in such form and at such times as the Director-General may reasonably require regarding the design, construction, operation and maintenance of the pipeline.

9.4 Review of Land Ownership

The Licensee must review ownership of the land affected by the pipeline easements annually and advise the Director-General of any changes by 28 February each year for the preceding year ending 31 December. The Licensee must establish contact with any new landowners and maintain adequate liaison with existing landowners.

10. RESTORATION

The Licensee must restore areas disturbed by the maintenance of, or repairs to, the pipeline to as near as possible the condition existing prior to the commencement of such works. In carrying out such works, the Licensee must satisfy the reasonable requirements of any landowners affected by such works, having regard to any specific terms of easements created for the purposes of the pipeline.

11. EASEMENT MAINTENANCE

The Licensee must maintain vegetation in the vicinity of the pipeline that is in keeping with the vegetation native to the region or as otherwise considered appropriate by the Licensee in consultation with the landowner. Such vegetation must not interfere with the safe operation of the pipeline or the assets of relevant land owners or public authorities.

12. DAMAGE

The Licensee must make good and repair at its own expense, or where appropriate pay the costs of repair of, all loss, harm or damage caused to any person, property or the environment, being loss, harm or damage arising out of or in any way connected with the actions or inactions of the Licensee, or any of its agents, officers or employees or any contractor or subcontractor of the Licensee, concerning matters arising from the operation conducted pursuant to this Licence. Such reparation must meet the reasonable requirements of the affected party or parties. The Licensee must by 28 February each year, submit a report to the Director-General on such reparations for the preceding calendar year.

13. INSURANCE AND INDEMNITY

13.1 Insurance

The Licensee must arrange and maintain with one or more reputable insurers, adequate contract works and public liability insurance in respect of the potential for any loss, harm or damage caused to any person or property arising out of or in any way connected with the action or inaction of the Licensee or any of its agents or employees or any contractor, or subcontractor of the Licensee, pursuant to the Licence.

13.2 Advice to Director-General

The Licensee must produce to the Director General on or before each anniversary of the date on which this Licence was granted;

- (a) satisfactory evidence that such insurance is in force; and
- (b) a certificate signed by a senior, responsible officer of the Licensee, stating that the Licensee has taken all reasonable steps to ensure that no circumstances exist under which the insurer has or may have the right to deny indemnity under, or avoid, any such policy.

13.3 Indemnification

The Licensee must indemnify and keep indemnified the Minister, the Director-General and the Department from and against all claims, demands, rights, actions, suits, proceedings, verdicts and judgements of whatsoever kind or nature and whether at law or in equity or arising under the provisions of any statute howsoever and whether for damages, costs, expenses or otherwise and whether for a liquidated or an unliquidated sum, which may be brought against these parties, arising out of any wilful, unlawful or negligent act or omission of the Licensee, or any of its agents, officers, employees or contractors, in connection with this Licence.

14. NATIVE TITLE INDEMNITY

14.1 Indemnification

The Licensee must enter into a Deed of Indemnity in terms acceptable to the Minister and the Licensee within two months of the date of this Licence.

14.2 Deed of Indemnity

The Deed of Indemnity will indemnify the Crown in right of New South Wales against:

- (a) costs, compensation and damages incurred or suffered by the Crown as a result of any person establishing that he or she has native title rights or interests in relation to lands specified in this Licence or is entitled to damages against the Crown on the basis of any derogation of the rights of a native title holder; and
- (b) all legal costs reasonably incurred by the Crown as a result of any claim for compensation or damages, as a result of the grant of this Licence or the vesting in the Licensee of lands or easements over lands, by persons claiming to hold native title rights or interests in those lands.

REQUIREMENTS OF STATUTORY AUTHORITIES

Where the pipeline passes through any lands vested in or under the care and management of any public authority, the Licensee must comply with the agreements relating to the pipeline which it has with such public authorities now and hereafter, unless the public authority waives any compliance.

NOTICES

16.1 Addresses for notices

All notices, requests, requirements, demands, consents or other communications to be given under this Licence must be in writing and will be valid and sufficient if posted in a prepaid envelope addressed to the following:

- (a) if to the Director-General or the Minister to:

Department of Energy
29 -57 Christie Street
St. Leonards NSW 2065
(GPO Box 536)

- (b) if to the Licensee to:

East Australian Pipeline Limited
115 Canberra Avenue
Griffith, ACT 2603

or to such address as the relevant party may specify by notice in writing.

16.2 Service of Notices

All notices, requests, requirements, demands, consents or other communications will be deemed to have been served on the fifth business day after posting.

16.3 Authorisation of Notices

Any notice, request, requirement, demand, consent or other communication signed by an officer of a party will be deemed to be duly given and authorised by that party for the purpose of this Licence.

SCHEDULE 1

DESCRIPTION OF PIPELINE

1. Route

The pipeline is approximately 88 km long from Culcairn to Wagga Wagga in NSW. It traverses the lands specified on the Licence and shown on the Deposited Plans registered in the Lands Titles Office.

2. Pipeline system summary

2.1 Pipeline Length

The pipeline is planned to be approximately 88 kilometres length.

2.2 Pipeline Diameter, Steel Pipe Specification, Wall Thickness, and Grade

Line pipe will be electric resistance welded (ERW) and in accordance with the API 5L specification. Line pipe sizes will be:

Table 0-1

Location ¹	Diameter (mm)	Grade	Wall Thickness (mm)	Design Factor (FD)
R1	457	API 5L X 70	6.8	0.72
R2,	457	API 5L X 70	6.8	0.72
Crossing	457	API 5L X 70	8.1/ 9.7	0.6/0.5
T1	457	API 5L X 70	8.1	0.6
T2	NOT	APPLICABLE		
Facilities	457	API 5L X 70	8.1	0.6

¹ Locations R1,R2,T1 as defined by AS 2885 clause 4.2.4.4 (no T2 locations on pipeline route)

2.3 Code for Construction and Operation

The pipeline, scraper stations, meter and pressure reduction station and compressor station main gas piping shall be designed in accordance with AS 2885.

2.4 Maximum Allowable Operating Pressure

10.2 Mpa

2.5 Design Capacity

20 petajoules per annum - initial capacity

90 petajoules per annum - ultimate capacity

2.6 Coating Specification

2.6.1 Internal Lining

Nil internal lining.

2.6.2 Corrosion Protection Coating

All line pipe to be installed below ground will be coated with a high density polyethylene coating system comprising:

Canusa 3300 0.5 mm (mastic)

Novacor HE-Y449 1.2 mm (HDPE)

or with fusion bond epoxy

2.6.3 Weight and Protection Coating

Corrosion protection coated line pipe shall be coated with a weight coating or a protective anti-abrasion jacket at the following locations:

- directional drills
- bored crossings
- selected areas of flood plains

2.7 Valve Specification

- All in-line pipeline valves shall be Class 600
- All branch valves (first valve off pipeline) shall be Class 600

2.8 Flange and Fitting Specification

- All flanges shall meet WNRF flanges and flanged fittings Class 600, ANSI B16
- All welded fittings shall meet Specification, ANSI B16
- All other fittings shall meet ANSI B16

2.9 Cathodic Protection Specification

An impressed current cathodic protection (ICCP) system shall be installed to protect all below ground pipework between Wagga Wagga and Culcairn.

ICCP system shall include:

- CP potential test points every 3km
- Transformer Rectifier Units (TRU) located at Culcairn
- CP current test points - To be determined
- External corrosion coupons located along pipeline - Nil installed

Owing to the pipeline paralleling power line easements and electrified railway lines, the CP consultant shall undertake a study to determine the mitigation required to protect pipeline against induced voltages and earth fault conditions.

2.10 Above Ground Facilities

2.10.1 Compressor Stations

Capacity: Maximum design - 336,500 sm³/hr

Number: One

Location: Uranquinty

2.10.2 Initial Meter Stations

There shall initially be one meter station at Culcairn, NSW

2.10.3 Sales Taps

There shall be provision for five offtakes for future gas sales deliveries.

2.10.4 Block Valves

There shall be four line break equipped valves (LBV's) located along the pipeline.

2.10.5 Communications and Telemetry

There shall be a complete communication and SCADA system for operation of the pipeline system.

S07/940

Level 33 Governor Macquarie Tower
1 Farrer Place SYDNEY NSW 2000 AUSTRALIA
Telephone: (02) 9228 3344
Facsimile: (02) 9228 3452
e-mail: macdonald.office@macdonald.minister.nsw.gov.au

Mr R McMaster
General Manager NSW
East Australian Pipeline Pty Limited
PO Box R41
ROYAL EXCHANGE NSW 1225

Dear Mr McMaster

Thank you for your application dated 30 August 2007 in relation to a variation to Pipeline Licence No 23.

This application deals with a proposal to install a compressor station at Culcairn to enhance the supply of gas into NSW from Victoria and to provide gas for the NewGen (Uranquinty) Pty Limited 600 MW gas fired power station under construction at Uranquinty.

I have much pleasure in being able to grant this variation that further secures gas supplies in NSW and will facilitate the operation of that important new power station. The variation to licence is described in the revised Conditions of Licence:

- Schedule 1, Description of Pipeline; and
- Schedule 2, Conditions relating to Variation 1: Culcairn Compressor Station, which is now appended to the licence.

Should you have any further queries, please contact Mr Peter Lansdown, Manager Energy Networks Compliance on 8281 7739, 0437 895 319 or peter.lansdown@dwe.nsw.gov.au.

Thank you for your application.

Yours sincerely



IAN MACDONALD MLC

23 JAN 2008

SCHEDULE 1

LICENCE 23

DESCRIPTION OF PIPELINE

1. Route

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¹Locations R1, R2, T1 as defined by AS2885 clause 4.2.4.4 (no T2 locations on pipeline route)

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Or with fusion bond epoxy

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All flanges shall meet WNRF flanges and flanged fittings class 600, ANSI B16

All welded fittings shall meet specification, ANSI B16

All other fittings shall meet ANSI B16

2.9 Cathodic protection Specification

An impressed current cathodic protection (ICCP) system shall be installed to protect all below ground pipework between Wagga Wagga and Culcairn.

ICCP system shall include:

CP potential test points every 3km
Transformer Rectifier Units (TRU) located at Culcairn

CP current test points – to be determined

External corrosion coupons located along pipeline – nil installed

Owing to the pipeline paralleling power line easements and electrified railway lines, the CP consultant shall undertake a study to determine the mitigation required to protect pipeline against induced voltages and earth fault conditions.

2.10 Above Ground Facilities

2.10.1 Compressor Stations

Location : Uranquinty

Capacity: Maximum design – 336,500 sm³/hr

Unit size to be determined.

Location : Culcairn

Capacity: Maximum design - 90,000sm³/hr

Up to 3 x 950KW units

2.10.2 Meter Stations

The location of Meter Stations shall be specified in the Safety and Operating Plan.

2.10.3 Sales Taps

The location of Sales Taps shall be specified in the Safety and Operating Plan.

2.10.4 Block Valves

There shall be four line break equipped valves (LBV's) located along the pipeline.

2.10.5 Communications and Telemetry

There shall be a complete communication and SCADA system for operation of the pipeline system.



ROBERT McMASTER
Person-in-Charge, Licence No 23
Date 11 JANUARY 2008



IAN MACDONALD MLC
Minister for Energy
Date 23 JANUARY 2008

I CERTIFY THIS TO BE A TRUE COPY OF THE
DOCUMENT SHOWN AND REPORTED TO ME
AS THE ORIGINAL.
Robert A Smith 24 Jan. 2008
ROBERT ADRIAN SMITH
JUSTICE OF THE PEACE 108157

SCHEDULE 2

CONDITIONS RELATING TO VARIATION 1: CULCAIRN COMPRESSOR STATION

1. Prior to the commencement of construction of the proposed project (except for construction of those preliminary works that are outside the scope of the hazard studies) the Applicant shall prepare and submit to the Director-General the studies set out under subsections (a) to (c). The Applicant shall consider and implement, as appropriate, all recommendations arising out of the studies.

(a) FIRE SAFETY STUDY

A Fire Safety Study for the site shall cover the relevant aspects of the Department of Planning's Hazardous Industry Planning Advisory Paper No. 2, 'Fire Safety Study Guidelines' and the New South Wales Government's 'Best Practice Guidelines for Contaminated Water Retention and Treatment Systems'. The study shall be submitted for approval to the NSW Rural Fire Service.

(b) HAZARD AND OPERABILITY STUDY

A Hazard and Operability Study (HAZOP) for the proposed project, chaired by an independent qualified person approved by the Director General of the Department of Planning. The study shall be carried out in accordance with the Department of Planning's Hazardous Industry Planning Advisory Paper No. 8, 'HAZOP Guidelines'. The study report must be accompanied by a program for the implementation of all recommendations made in the report. If the Applicant intends to defer the implementation of a recommendation, justification must be included.

(c) CONSTRUCTION SAFETY STUDY

A Construction Safety Study prepared in accordance with the Department of Planning's Hazardous Industry Planning Advisory Paper No. 7, 'Construction Safety Study Guidelines'. If the construction period exceeds two (2) months, the commissioning portion of the Construction Safety Study may be submitted one month prior to the commencement of commissioning.

2. The Applicant shall:

- (a) review and revise the existing emergency plan to ensure that any site specific risks are adequately catered for as required by AS2885.3 4.3; and
- (b) submit to the Director-General updated Safety and Operating Plans two months prior to commencement of operations of the project.

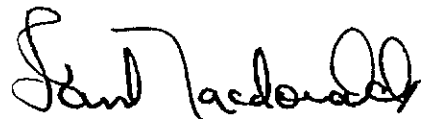
3. POST-STARTUP COMPLIANCE REPORT

Three months after the commencement of operation of the project, the Applicant shall submit to the Director-General, a report verifying that the:

- (a) Emergency Plan has been reviewed and revised under condition 2(a), emergency crews have been inducted and at least one emergency exercise has been conducted; and
- (b) Safety and Operating Plan updates required under 2(b) condition have been fully implemented and that records required by the systems are being kept.

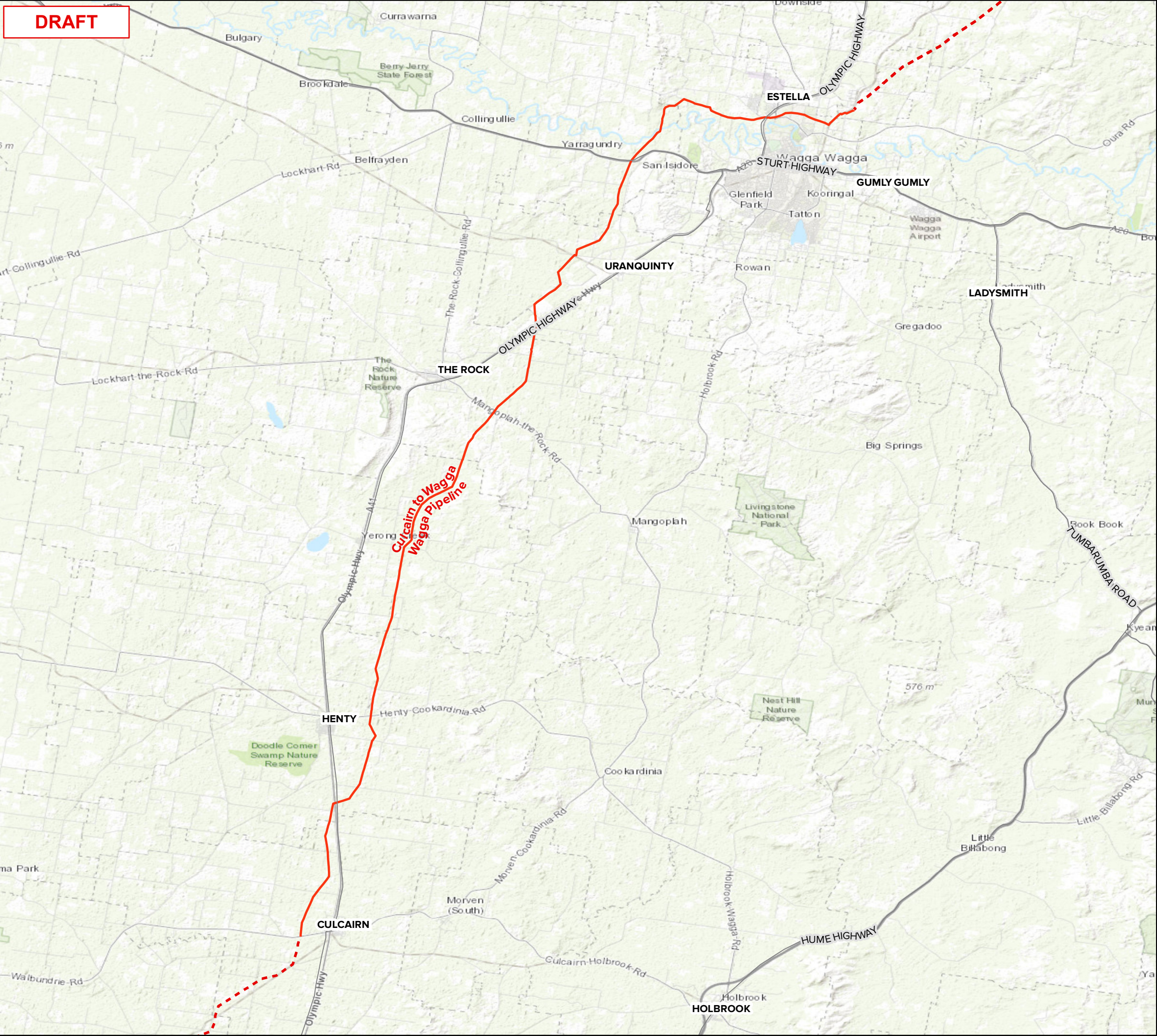


ROBERT McMASTER
Person-in-Charge, Licence No 23
Date: 11 JANUARY 2008



IAN MACDONALD MLC
Minister for Energy
Date: 23 JAN 2008

Attachment 2 – Map Showing Pipeline Route



APA Group
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Web: www.apa.com.au
Email: transmissiongis@apa.com.au

PROJECT: SSI TRANSITION

TITLE: Culcairn to Wagga Wagga Pipeline

SUBTITLE:

DATE: 02/05/2023

DATA SOURCE:
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

- LEGEND:
- Culcairn to Wagga Wagga Pipeline
 - - - Other APA Asset
 - Major Roads

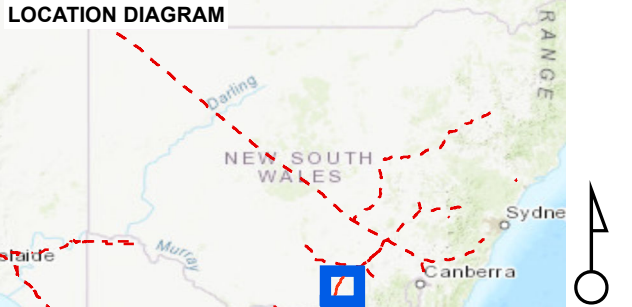
DOCUMENT NUMBER: 560-MAP-L-8192_1.0

1.0	Issued for Use	ML	BC	BC	19/05/23
0.1	DRAFT	ML	BC		02/05/23
Revision	Description	Drawn	Checked/QC	Approved	Date

SCALE: 1:300,000 @ A3 Coordinate System: GDA 94

9.5 4.75 0 9.5

Kilometers



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Attachment 3 – Lot and Plan Details

Culcairn to Wagga Pipeline

Parcel Type	Legal ID	KP In	LGA
Lot Parcel	1DP260958	129.45	WAGGA WAGGA CITY COUNCIL
AGN Owned Lot Parcel	4DP260958	130.01	WAGGA WAGGA CITY COUNCIL
Lot Parcel	6DP773434	130.11	WAGGA WAGGA CITY COUNCIL
Road Casement	108000496 - BYRNES ROAD	130.57	WAGGA WAGGA CITY COUNCIL
Lot Parcel	1DP912198	130.65	WAGGA WAGGA CITY COUNCIL
Railway	1DP1029573	130.98	WAGGA WAGGA CITY COUNCIL
Lot Parcel	2DP1213252	131.01	WAGGA WAGGA CITY COUNCIL
Lot Parcel	1DP1213252	132.22	WAGGA WAGGA CITY COUNCIL
Road Casement	105643999 - EARL STREET	132.53	WAGGA WAGGA CITY COUNCIL
Lot Parcel	147DP751422	132.56	WAGGA WAGGA CITY COUNCIL
Lot Parcel	146DP751422	132.87	WAGGA WAGGA CITY COUNCIL
Road Casement	105521420 - HAMDEN AVENUE	133.16	WAGGA WAGGA CITY COUNCIL
Lot Parcel	184DP751422	133.22	WAGGA WAGGA CITY COUNCIL
Lot Parcel	183DP751422	133.43	WAGGA WAGGA CITY COUNCIL
Lot Parcel	182DP751422	133.64	WAGGA WAGGA CITY COUNCIL
Lot Parcel	181DP751422	133.86	WAGGA WAGGA CITY COUNCIL
Road Casement	106734955 - FULLER STREET	134.03	WAGGA WAGGA CITY COUNCIL
Lot Parcel	219DP751422	134.07	WAGGA WAGGA CITY COUNCIL
Lot Parcel	218DP751422	134.47	WAGGA WAGGA CITY COUNCIL
Road Casement	105516077 - BURILDA STREET	134.87	WAGGA WAGGA CITY COUNCIL
Lot Parcel	60DP751422	134.9	WAGGA WAGGA CITY COUNCIL
Lot Parcel	7DP855252	135.51	WAGGA WAGGA CITY COUNCIL
Road Casement	105659955 - BOOROOMMA STREET	136	WAGGA WAGGA CITY COUNCIL
Lot Parcel	1DP707812	136.03	WAGGA WAGGA CITY COUNCIL
Road Casement	105313639 - OLYMPIC HIGHWAY	136.46	WAGGA WAGGA CITY COUNCIL
Lot Parcel	200DP1206757	136.54	WAGGA WAGGA CITY COUNCIL
Lot Parcel	199DP1206757	136.58	WAGGA WAGGA CITY COUNCIL
Road Casement	105458156 - OLD NARRANDERA ROAD	136.7	WAGGA WAGGA CITY COUNCIL
Road Casement	108000487 - OLD NARRANDERA ROAD	136.76	WAGGA WAGGA CITY COUNCIL
Road Casement	108000488 - RIVER ROAD	136.8	WAGGA WAGGA CITY COUNCIL
Road Casement	108000493 - RIVER ROAD	136.92	WAGGA WAGGA CITY COUNCIL
Road Casement	108000492 - RIVER ROAD	136.95	WAGGA WAGGA CITY COUNCIL
Lot Parcel	51DP1106511	137.05	WAGGA WAGGA CITY COUNCIL
Lot Parcel	1DP590305	138.13	WAGGA WAGGA CITY COUNCIL
Road Casement	105345526 - PAPER ROAD	138.7	WAGGA WAGGA CITY COUNCIL
Lot Parcel	137DP751407	138.72	WAGGA WAGGA CITY COUNCIL
Lot Parcel	136DP751407	139.17	WAGGA WAGGA CITY COUNCIL
Road Casement	105340142 - PAPER ROAD	139.63	WAGGA WAGGA CITY COUNCIL
Lot Parcel	2DP1109914	139.66	WAGGA WAGGA CITY COUNCIL
Road Casement	108000490 - ROAD	140.86	WAGGA WAGGA CITY COUNCIL
Lot Parcel	35DP751407	140.88	WAGGA WAGGA CITY COUNCIL
Road Casement	106757957 - RIVER ROAD	141.2	WAGGA WAGGA CITY COUNCIL
Lot Parcel	12DP1047224	141.22	WAGGA WAGGA CITY COUNCIL
Lot Parcel	13DP1083424	141.7	WAGGA WAGGA CITY COUNCIL
Lot Parcel	1DP523633	142.17	WAGGA WAGGA CITY COUNCIL
Road Casement	169658161 - RIVER ROAD	142.48	WAGGA WAGGA CITY COUNCIL
Lot Parcel	2DP523633	142.54	WAGGA WAGGA CITY COUNCIL
Lot Parcel	2DP806846	142.9	WAGGA WAGGA CITY COUNCIL
Lot Parcel	10DP716058	143.34	WAGGA WAGGA CITY COUNCIL
Lot Parcel	11DP716058	144.07	WAGGA WAGGA CITY COUNCIL
Lot Parcel	1DP615195	144.45	WAGGA WAGGA CITY COUNCIL

Lot Parcel	2DP615195	144.84	WAGGA WAGGA CITY COUNCIL
Lot Parcel	3DP615195	145.18	WAGGA WAGGA CITY COUNCIL
Lot Parcel	4DP615195	145.46	WAGGA WAGGA CITY COUNCIL
Lot Parcel	11DP754567	145.72	WAGGA WAGGA CITY COUNCIL
Lot Parcel	12DP754567	145.91	WAGGA WAGGA CITY COUNCIL
Lot Parcel	2DP1090274	146.29	WAGGA WAGGA CITY COUNCIL
Lot Parcel	1DP1090274	147.12	WAGGA WAGGA CITY COUNCIL
Road Casement	105510723 - PAPER ROAD	148.73	WAGGA WAGGA CITY COUNCIL
Lot Parcel	3DP754567	148.77	WAGGA WAGGA CITY COUNCIL
Road Casement	106734957 - STURT HIGHWAY	148.91	WAGGA WAGGA CITY COUNCIL
Road Casement	120115143 - STURT HIGHWAY	149.02	WAGGA WAGGA CITY COUNCIL
Lot Parcel	1DP33709	149.27	WAGGA WAGGA CITY COUNCIL
Road Casement	108012256 - THE ROCK ROAD	150.92	WAGGA WAGGA CITY COUNCIL
Lot Parcel	3DP33709	150.94	WAGGA WAGGA CITY COUNCIL
Lot Parcel	24DP754567	151.75	WAGGA WAGGA CITY COUNCIL
Lot Parcel	17DP1124011	152.15	WAGGA WAGGA CITY COUNCIL
Lot Parcel	16DP1124011	152.9	WAGGA WAGGA CITY COUNCIL
Road Casement	108000538	153.31	WAGGA WAGGA CITY COUNCIL
Lot Parcel	61DP754573	153.33	WAGGA WAGGA CITY COUNCIL
Lot Parcel	62DP754573	153.64	WAGGA WAGGA CITY COUNCIL
Lot Parcel	63DP754573	153.94	WAGGA WAGGA CITY COUNCIL
Lot Parcel	12DP628325	154.25	WAGGA WAGGA CITY COUNCIL
Road Casement	106711955	154.47	WAGGA WAGGA CITY COUNCIL
Lot Parcel	65DP754573	154.49	WAGGA WAGGA CITY COUNCIL
Lot Parcel	70DP754573	154.85	WAGGA WAGGA CITY COUNCIL
Lot Parcel	1DP951199	155.29	WAGGA WAGGA CITY COUNCIL
Lot Parcel	2DP951199	155.74	WAGGA WAGGA CITY COUNCIL
Road Casement	108000536	155.99	WAGGA WAGGA CITY COUNCIL
Lot Parcel	73DP754573	156.02	WAGGA WAGGA CITY COUNCIL
Lot Parcel	2DP1098910	156.67	WAGGA WAGGA CITY COUNCIL
Lot Parcel	1DP1098910	156.89	WAGGA WAGGA CITY COUNCIL
APA Owned Lot Parcel	781DP878179	157.45	WAGGA WAGGA CITY COUNCIL
Road Casement	105494742	157.79	WAGGA WAGGA CITY COUNCIL
Lot Parcel	1DP1091679	157.81	WAGGA WAGGA CITY COUNCIL
Railway	4DP1182946	157.84	WAGGA WAGGA CITY COUNCIL
Lot Parcel	11DP228780	157.87	WAGGA WAGGA CITY COUNCIL
Road Casement	107986604	160.42	WAGGA WAGGA CITY COUNCIL
Lot Parcel	1DP1082889	160.46	WAGGA WAGGA CITY COUNCIL
Lot Parcel	32DP754563	160.64	WAGGA WAGGA CITY COUNCIL
Lot Parcel	31DP754563	161.07	WAGGA WAGGA CITY COUNCIL
Lot Parcel	4DP133531	161.5	WAGGA WAGGA CITY COUNCIL
Lot Parcel	30DP754563	161.52	WAGGA WAGGA CITY COUNCIL
Lot Parcel	29DP754563	161.97	WAGGA WAGGA CITY COUNCIL
Lot Parcel	28DP754563	162.43	WAGGA WAGGA CITY COUNCIL
Lot Parcel	27DP754563	162.94	WAGGA WAGGA CITY COUNCIL
Road Casement	105659654	163.69	WAGGA WAGGA CITY COUNCIL
Lot Parcel	CDP431364	163.72	WAGGA WAGGA CITY COUNCIL
Road Casement	106711080	164.49	WAGGA WAGGA CITY COUNCIL
Road Casement	120158052	164.53	WAGGA WAGGA CITY COUNCIL
Lot Parcel	773DP1221959	164.53	WAGGA WAGGA CITY COUNCIL
Road Casement	105457889	164.58	WAGGA WAGGA CITY COUNCIL
Road Casement	105478809	164.62	WAGGA WAGGA CITY COUNCIL
Lot Parcel	43DP754563	164.62	WAGGA WAGGA CITY COUNCIL
Lot Parcel	42DP754563	166.03	WAGGA WAGGA CITY COUNCIL

Road Casement	106781774	166.95	WAGGA WAGGA CITY COUNCIL
Lot Parcel	11DP1063556	166.97	WAGGA WAGGA CITY COUNCIL
Road Casement	107986607	169.42	WAGGA WAGGA CITY COUNCIL
Road Casement	106758772	169.63	WAGGA WAGGA CITY COUNCIL
Lot Parcel	4DP713771	169.66	LOCKHART SHIRE COUNCIL
Lot Parcel	3DP1085703	169.9	LOCKHART SHIRE COUNCIL
Lot Parcel	2DP1085703	170.72	LOCKHART SHIRE COUNCIL
Lot Parcel	1DP1085703	171.56	LOCKHART SHIRE COUNCIL
Road Casement	105271265	172.18	LOCKHART SHIRE COUNCIL
Lot Parcel	2DP178653	172.23	LOCKHART SHIRE COUNCIL
Lot Parcel	1DP1118678	172.25	LOCKHART SHIRE COUNCIL
Lot Parcel	2DP1118678	172.44	LOCKHART SHIRE COUNCIL
Lot Parcel	3DP1118678	172.61	LOCKHART SHIRE COUNCIL
Lot Parcel	4DP1118677	173.82	LOCKHART SHIRE COUNCIL
Lot Parcel	5DP1118677	173.89	LOCKHART SHIRE COUNCIL
Lot Parcel	120DP729535	174.26	LOCKHART SHIRE COUNCIL
Lot Parcel	73DP754543	174.28	LOCKHART SHIRE COUNCIL
Lot Parcel	53DP754543	175.21	LOCKHART SHIRE COUNCIL
Lot Parcel	44DP754547	175.81	LOCKHART SHIRE COUNCIL
Lot Parcel	1DP1231456	176.62	LOCKHART SHIRE COUNCIL
Lot Parcel	80DP754547	176.64	LOCKHART SHIRE COUNCIL
Lot Parcel	5DP754547	178.26	LOCKHART SHIRE COUNCIL
Lot Parcel	4DP754547	178.84	LOCKHART SHIRE COUNCIL
Road Casement	107986606	179.72	LOCKHART SHIRE COUNCIL
Lot Parcel	19DP754547	179.75	LOCKHART SHIRE COUNCIL
Lot Parcel	1DP1009406	180.07	LOCKHART SHIRE COUNCIL
Lot Parcel	1DP754547	180.09	LOCKHART SHIRE COUNCIL
Lot Parcel	2DP135201	181.34	LOCKHART SHIRE COUNCIL
Lot Parcel	4DP113763	182.04	LOCKHART SHIRE COUNCIL
Lot Parcel	2DP1009406	182.06	LOCKHART SHIRE COUNCIL
Lot Parcel	36DP754547	182.43	LOCKHART SHIRE COUNCIL
Lot Parcel	101DP754547	183.74	LOCKHART SHIRE COUNCIL
Lot Parcel	33DP754547	184.43	LOCKHART SHIRE COUNCIL
Lot Parcel	34DP754547	184.76	LOCKHART SHIRE COUNCIL
Road Casement	105345232	185	LOCKHART SHIRE COUNCIL
Lot Parcel	27DP754574	185.04	LOCKHART SHIRE COUNCIL
Lot Parcel	1DP103947	186.55	LOCKHART SHIRE COUNCIL
Lot Parcel	35DP754574	187.51	LOCKHART SHIRE COUNCIL
Lot Parcel	2DP113765	187.85	LOCKHART SHIRE COUNCIL
Lot Parcel	4DP754574	187.87	LOCKHART SHIRE COUNCIL
Road Casement	107986573	189.01	LOCKHART SHIRE COUNCIL
Lot Parcel	1DP134882	189.03	LOCKHART SHIRE COUNCIL
Road Casement	107986571	190.63	LOCKHART SHIRE COUNCIL
Lot Parcel	55DP754574	190.66	LOCKHART SHIRE COUNCIL
Lot Parcel	111DP753741	191.74	GREATER HUME SHIRE COUNCIL
Road Casement	105505144	192.92	GREATER HUME SHIRE COUNCIL
Lot Parcel	112DP753741	192.94	GREATER HUME SHIRE COUNCIL
Lot Parcel	113ADP753741	193.75	GREATER HUME SHIRE COUNCIL
Lot Parcel	136DP753741	194.54	GREATER HUME SHIRE COUNCIL
Lot Parcel	3DP254911	194.93	GREATER HUME SHIRE COUNCIL
Lot Parcel	117DP753741	194.95	GREATER HUME SHIRE COUNCIL
Lot Parcel	11DP1156520	196.54	GREATER HUME SHIRE COUNCIL
Lot Parcel	2DP1123905	197.05	GREATER HUME SHIRE COUNCIL
Lot Parcel	1DP1096313	198.16	GREATER HUME SHIRE COUNCIL

Road Casement	107986580	198.67	GREATER HUME SHIRE COUNCIL
Lot Parcel	1DP1099983	198.7	GREATER HUME SHIRE COUNCIL
Lot Parcel	2DP1134556	199.84	GREATER HUME SHIRE COUNCIL
Lot Parcel	9DP114166	200.32	GREATER HUME SHIRE COUNCIL
Lot Parcel	5DP813417	200.4	GREATER HUME SHIRE COUNCIL
Road Casement	107986585	200.75	GREATER HUME SHIRE COUNCIL
Lot Parcel	1DP1017566	200.81	GREATER HUME SHIRE COUNCIL
Lot Parcel	93DP753741	201.32	GREATER HUME SHIRE COUNCIL
Lot Parcel	186DP753741	202.45	GREATER HUME SHIRE COUNCIL
Road Casement	106711078	203	GREATER HUME SHIRE COUNCIL
Lot Parcel	BDP173874	203.02	GREATER HUME SHIRE COUNCIL
Road Casement	105334651	204.65	GREATER HUME SHIRE COUNCIL
Lot Parcel	58DP753741	204.67	GREATER HUME SHIRE COUNCIL
Lot Parcel	19DP753741	205.52	GREATER HUME SHIRE COUNCIL
Lot Parcel	16DP114166	206.16	GREATER HUME SHIRE COUNCIL
Lot Parcel	11DP1122862	206.2	GREATER HUME SHIRE COUNCIL
Road Casement	106734092	206.66	GREATER HUME SHIRE COUNCIL
Lot Parcel	2DP1188466	206.71	GREATER HUME SHIRE COUNCIL
Road Casement	105701910	206.74	GREATER HUME SHIRE COUNCIL
Lot Parcel	1DP185752	206.76	GREATER HUME SHIRE COUNCIL
Road Casement	105318700	207.38	GREATER HUME SHIRE COUNCIL
Lot Parcel	39DP753741	207.4	GREATER HUME SHIRE COUNCIL
Lot Parcel	381DP851754	208.21	GREATER HUME SHIRE COUNCIL
Lot Parcel	2DP1032844	209.84	GREATER HUME SHIRE COUNCIL
Road Casement	106711090	210.69	GREATER HUME SHIRE COUNCIL
Lot Parcel	61DP753757	210.71	GREATER HUME SHIRE COUNCIL
Lot Parcel	59DP753757	211.53	GREATER HUME SHIRE COUNCIL
Lot Parcel	2DP134376	212.36	GREATER HUME SHIRE COUNCIL
Lot Parcel	55DP753757	212.38	GREATER HUME SHIRE COUNCIL
Road Casement	106757093	214.12	GREATER HUME SHIRE COUNCIL
Lot Parcel	51DP753757	214.14	GREATER HUME SHIRE COUNCIL
Lot Parcel	3DP134398	214.17	GREATER HUME SHIRE COUNCIL
Lot Parcel	48DP753757	214.23	GREATER HUME SHIRE COUNCIL
Lot Parcel	3DP134105	214.99	GREATER HUME SHIRE COUNCIL
Lot Parcel	5DP134105	215.09	GREATER HUME SHIRE COUNCIL
Lot Parcel	1DP566619	215.88	GREATER HUME SHIRE COUNCIL
Lot Parcel	2DP566619	215.9	GREATER HUME SHIRE COUNCIL
Lot Parcel	1DP111311	216.72	GREATER HUME SHIRE COUNCIL
Lot Parcel	5122DP1150900	216.75	GREATER HUME SHIRE COUNCIL
APA Owned Lot Parcel	5123DP1150900	217.69	GREATER HUME SHIRE COUNCIL

SCHEDULE A

MODIFICATIONS – CULCAIRN TO WAGGA WAGGA GAS PIPELINE

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DEFINITIONS

Blow down event	The controlled expulsion of gas from the compressor station system
CEMP	Construction Environmental Management Plan
Commissioning	Activities associated with testing, adjustment, verification, inspection and trial operation of the development to confirm that it performs in accordance with its design specifications and can operate safely before commencing operations.
Construction	All physical works associated with the development, including but not limited to demolition and removal of buildings or works, erection or installation of buildings and infrastructure, road upgrades, and the carrying out of works permitted by this approval
Council	City of Wagga Wagga Council
CWWP	Culcairn to Wagga Wagga Gas Pipeline
Day	The period from 7 am to 6 pm on Monday to Saturday, and 8 am to 6 pm on Sundays and Public Holidays
Decommissioning	The demolition and/or removal of buildings, infrastructure and works installed for the development and/or rehabilitation of the sites
Department	Department of Planning, Housing and Infrastructure
Development	The development as described in the Modification Report
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
Feasible	Means what is possible and practical in the circumstances
Heritage item	An item as defined under the <i>Heritage Act 1977</i> and/or an Aboriginal Object or Aboriginal Place as defined under the <i>National Parks and Wildlife Act 1974</i>
Incident	An occurrence or set of circumstances that causes or threatens to cause material harm and which may or may not be or cause a non-compliance
Land	Has the same meaning as the definition of the term in section 1.4 of the EP&A Act
Material harm	Is harm that: - involves actual or potential harm to the health or safety of human beings or to the environment that is not trivial, or - results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000, (such loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment)
Minimise	Implement all reasonable and feasible measures to reduce the impacts of the development
Minister	Minister for Planning and Public Spaces, or delegate
Mitigation	Activities associated with reducing the impacts of the development prior to or during those impacts occurring
Modification Report	The Modification Report titled <i>Culcairn to Wagga Wagga Gas Pipeline Modification 1 – Uranquinty Compressor Station</i> dated 25 August 2025; the Submissions Report dated 10 December 2025; and the additional information provided to the Department by the Proponent dated 11 May 2026.
Operation	The operation of the development, but does not include commissioning and trials of equipment
Pipelines Act	<i>Pipelines Act 1967</i>
Planning Secretary	Secretary under the EP&A Act, or nominee

POEO Act	<i>Protection of the Environment Operations Act 1997</i>
Proponent	Australian Pipeline Limited or any person who seeks to construct and/or operate the development
Public infrastructure	Linear and related infrastructure that provides services to the general public, such as roads, railways, water supply, drainage, sewerage, gas supply, electricity, telephone, telecommunications, irrigation channels, drainage channels
Reasonable	Means applying judgement in arriving at a decision, taking into account: mitigation benefits, cost of mitigation versus benefits provided, community views and the nature and extent of potential improvements
Rehabilitation	The restoration of land disturbed by the development to a satisfactory condition, to ensure it is safe, stable and non-polluting
RFS	NSW Rural Fire Service
Secretary – Authorising	Secretary with responsibility under the <i>Pipelines Act 1967</i>
Sites	The areas of disturbance for the development as identified in the Modification Report

PART A ADMINISTRATIVE CONDITIONS

OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT

- A1. The Proponent must implement all reasonable and feasible measures to prevent, and if prevention is not reasonable or feasible, minimise any material harm to the environment that may result from the construction, operation, rehabilitation or decommissioning of the development.

TERMS OF APPROVAL

- A2. The Proponent must construct and operate the development:
- (a) in accordance with the conditions contained in this Schedule;
 - (b) in accordance with all written directions of the Planning Secretary;
 - (c) generally in accordance with the Modification Report; and
 - (d) generally in accordance with the development layout in Appendix 2.
- A3. If there is any inconsistency between the above documents, the most recent document must prevail to the extent of the inconsistency. However, the conditions of this Schedule prevail to the extent of any inconsistency.
- A4. The Proponent must comply with any requirement/s of the Planning Secretary arising from the Department's assessment of:
- (a) any strategies, plans or correspondence that are submitted in accordance with this approval;
 - (b) any reports, reviews or audits commissioned by the Department regarding compliance with this approval; and
 - (c) the implementation of any actions or measures contained in these documents.

REHABILITATION

- A5. The Proponent must:
- (a) rehabilitate the site progressively, as soon as reasonably practicable following disturbance;
 - (b) minimise the disturbance area at any time; and
 - (c) employ interim rehabilitation strategies to minimise dust generation, soil erosion and weed incursion on parts of the sites that cannot yet be permanently rehabilitated.

PROTECTION OF PUBLIC INFRASTRUCTURE

- A6. Unless the Proponent and the applicable authority agree otherwise, the Proponent must:
- (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the construction or operation of the development; and
 - (b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the construction of the development.

NOTIFICATION OF CONSTRUCTION AND COMMISSIONING

- A7. The Proponent must notify the Department at least two weeks prior to the commencement of construction, commissioning and decommissioning. Notification must be via the Major Projects Portal.

STAGING, COMBINING AND UPDATING STRATEGIES, PLANS OR PROGRAMS

- A8. With the approval of the Planning Secretary, the Proponent may:
- (a) prepare and submit any strategy, plan or program required by this approval on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan or program);
 - (b) combine any strategy, plan or program required by this approval (if a clear relationship is demonstrated between the strategies, plans or programs that are proposed to be combined);
 - (c) update any strategy, plan or program required by this approval (to ensure the strategies, plans and programs required under this approval are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development); and

- (d) combine any strategy, plan or program required by this approval with any similar strategy, plan or program required by an approval for any adjoining infrastructure subject to common, shared or related ownership or management.
- A9. If the Planning Secretary agrees, a strategy, plan or program may be staged without addressing particular requirements of the relevant condition of this approval if those requirements are not applicable to the particular stage.
- A10. If the Planning Secretary agrees, a strategy, plan or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this approval.

REVISION OF STRATEGIES, PLANS OR PROGRAMS

- A11. Within 3 months of:
 - (a) the submission of an incident report under condition C6; or
 - (b) any modification to the conditions of this approval (unless the conditions require otherwise),

the Proponent must review and, if necessary, revise the strategies, plans, and programs required under this approval to the satisfaction of the Planning Secretary.

Where this review leads to revisions in any such document, then within 4 weeks of the review the revised document must be submitted to the Planning Secretary for approval.

Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the development.

PAYMENT OF REASONABLE COSTS

- A12. The Proponent must pay all reasonable costs incurred by the Department to engage a suitably qualified, experienced and independent expert(s) to review the adequacy of any environmental management document required under this approval.

PART B ENVIRONMENTAL CONDITIONS

HAZARDS AND RISKS

Pre-construction

- B1. Prior to the commencement of construction, unless otherwise agreed by the Planning Secretary, the Proponent must, to the satisfaction of the Planning Secretary:
- (a) update and submit the existing Safety Management Study and Hazard and Operability Study for the CWWP to incorporate the development, that is consistent with the Department's *Hazardous Industry Planning Advisory Paper No. 8, 'HAZOP Guidelines'* and *Australian Standard AS 2885, Pipelines – Gas and liquid petroleum*; and
 - (b) prepare and submit a Final Hazard Analysis that is consistent with the Department's *Hazardous Industry Planning Advisory Paper No. 6, 'Guidelines for Hazard Analysis'*.
- B2. The Proponent must operate in accordance with the approved Safety Management Study, Hazard and Operability Study and Final Hazard Analysis.

Bushfire hazards

- B3. The Proponent must ensure that the development complies with the relevant asset protection and utility service requirements in the RFS's *Planning for Bush Fire Protection 2019* (or equivalent) and Standards for Asset Protection Zones.
- B4. A copy of the Bush Fire Emergency Management and Evacuation Plan must be provided to the RFS and the Planning Secretary prior to the commencement of construction.

TRAFFIC

Access road upgrade works

- B5. Prior to the commencement of construction, unless otherwise agreed by the Planning Secretary, the Proponent must upgrade the existing access road to the site consistent with the commitments made in the documents in condition A2(c), to the satisfaction of the relevant roads authority.

AMENITY

Construction hours

- B6. Unless otherwise agreed by the Planning Secretary, the Proponent must only undertake construction and commissioning activities between:
- (a) 7 am to 6 pm Monday to Friday;
 - (b) 8 am to 1 pm Saturdays; and
 - (c) at no time on Sundays and NSW public holidays
- B7. The following activities may be undertaken outside the hours specified in Condition B6 without the approval of the Planning Secretary:
- (a) the delivery of materials as requested by the NSW Police Force or other authorities for safety reasons; emergency work to avoid the loss of life, property and/or material harm to the environment;
 - (b) where a negotiated agreement has been reached with affected receivers;
 - (c) works approved under the out-of-hours works protocol within the CEMP;
 - (d) construction that causes $L_{Aeq(15\text{minute})}$ noise levels that are:
 - (i) no more than 5 dB above Rating Background Level at any residence in accordance with the *Interim Construction Noise Guideline (DECC, 2009)*; and
 - (ii) no more than the Noise Management Levels specified in Table 3 of the *Interim Construction Noise Guideline (DECC, 2009)* at other sensitive land uses.

Noise

- B8. The Proponent must:
- (a) minimise the noise generated by any construction, commissioning or decommissioning activities in accordance with the best practice requirements outlined in the *Interim Construction Noise Guideline (DECC, 2009)*, or its latest version.
 - (b) ensure any blow down events occur during the day;
 - (c) notify affected landholders at least 24 hours prior to any blow down events; and
 - (d) minimise traffic noise impacts on receivers along the transport route.

Air Quality and Greenhouse gas

- B9. The Proponent must minimise the dust and greenhouse gas emissions generated by the development, including wind-blown and traffic generated dust.

Visual

- B10. The Proponent must:
- (a) minimise the visual and off-site lighting impacts of the development; and
 - (b) ensure that all external lighting associated with the development complies with relevant Australian Standards including the latest version of *Australian Standard AS4282 (INT) 2019 – Control of Obtrusive Effects of Outdoor Lighting*.

SOIL AND WATER

- B11. The Proponent must ensure it has sufficient water supply for all stages of the development.
- B12. The Proponent must:
- (a) ensure that construction, commissioning and operation of the development does not cause any water pollution, as defined under Section 120 of the POEO Act, including the management of surface water runoff; and
 - (b) minimise any soil erosion associated with the construction of the development in accordance with the relevant requirements in the *Managing Urban Stormwater: Soils and Construction* (Landcom, 2004) manual, or its latest version; and

CONTAMINATION

- B13. The Proponent must ensure the development is constructed to minimise the potential for contaminant mobilisation.

WASTE

- B14. The Proponent must:
- (a) minimise the waste generated by the construction and operation of the development;
 - (b) manage onsite wastewater to the satisfaction of the relevant Council;
 - (c) store and handle all waste in accordance with its classification; and
 - (d) remove all waste from the site as soon as practicable, and ensure it is sent to an appropriately licensed waste facility for disposal.

BIODIVERSITY

- B15. The Applicant must not clear any native vegetation or fauna habitat located outside the approved disturbance footprint described in the Modification Report and depicted in Figure 2 of Appendix 2.

WORKERS ACCOMMODATION STRATEGY

- B16. Prior to commencing construction, the Proponent must prepare a Workers Accommodation Strategy for the development. This strategy must:
- (b) be prepared in consultation with Council and informed by local accommodation service providers;
 - (c) propose measures to ensure there is sufficient accommodation for the workforce associated with the development including during periods of high demand;
 - (d) consider the cumulative impacts associated with other State significant development projects in the area; and
 - (e) include a program to monitor and review the effectiveness of the strategy over the life of the development, including regular monitoring and review during construction.
- B17. The Proponent must provide a copy of the Workers Accommodation Strategy to the Planning Secretary prior to commencement of construction and implement the plan throughout construction.

PART C ENVIRONMENTAL MANAGEMENT AND REPORTING

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

- C1. Prior to commencing construction, the Proponent must prepare a Construction Environmental Management Plan for the development to the satisfaction of the Planning Secretary. This plan must:
- (a) be submitted to the Planning Secretary for approval;
 - (b) be prepared in consultation with Council;
 - (c) identify the statutory approvals that apply to the construction and commissioning of the development;
 - (d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development;
 - (e) describe the procedures that would be implemented to:
 - (i) keep the local community and relevant agencies informed about the construction, commissioning and operations of the development;
 - (ii) receive, handle, respond to, and record complaints;
 - (iii) resolve any disputes that may arise;
 - (iv) respond to any non-compliance;
 - (v) respond to emergencies; and
 - (vi) ensure the construction work hours specified in condition B6 are complied with; and
 - (f) include details of measures to minimise adverse impacts during construction, including for:
 - (i) noise and vibration, including an out-of-hours works protocol (refer to condition C3);
 - (ii) dust and greenhouse gas emissions, including consideration of the greenhouse gas emissions mitigation hierarchy set out in the *NSW Guide for Large Emitters*;
 - (iii) traffic, including:
 - o details of the measures that would be implemented to minimise traffic impacts during construction;
 - o minimising potential for conflict with other road users as far as practicable, including preventing queuing on the public road network;
 - o minimising potential cumulative traffic impacts with other projects in the area;
 - o minimising dirt tracked onto the public road network from development related traffic; and
 - o a driver's code of conduct;
 - (iv) biodiversity, including weed and pest management;
 - (v) Aboriginal and cultural heritage, including contingency and reporting procedures relating to unexpected finds and skeletal remains;
 - (vi) the avoidance of chemical spills;
 - (vii) soil and surface water impacts, including erosion controls; and
 - (viii) waste.
- C2. The Proponent must implement the approved Construction Environmental Management Plan.
- C3. The out-of-hours works protocol in Condition C1(f)(i) must:
- (a) describe the activities that would be undertaken outside of the hours identified in condition B6;
 - (b) include a risk assessment of the activities and describe the measures that would be employed to minimise construction noise, including scheduling activities to avoid impacts;
 - (c) be consistent with the requirements of the *Interim Construction Noise Guideline (DECC, 2009)*;
 - (d) demonstrate and justify the need for the activities to be undertaken out of standard construction hours;
 - (e) include a notification plan for affected receivers.

NOTIFICATION AND REPORTING

Incident Notification, Reporting and Response

- C6. The Applicant must notify the Department within 24 hours of becoming aware of an incident. The notification must be made via the NSW planning portal (Major Projects) and address details of the incident including: (a) date, time and location; (b) (c) (d) a brief description of what occurred and why it has been classified as an incident; a description of what immediate steps were taken in relation to the incident; and identifying a contact person for further communication regarding the incident.
- C7. The Applicant must provide the Department with a subsequent incident report in accordance with Appendix 3 (Incident Notification and Reporting Requirements)

Non-Compliance Notification

- C8. Within seven days of becoming aware of a non-compliance, the Applicant must notify the Department of the non-compliance. The notification must be in writing and must be submitted via the NSW planning portal (Major Projects). The notification must identify the development (including the development application number and name), set out the condition of this consent that the development is non-compliant with, why it does not comply, the reasons for the non-compliance (if known), and what actions have been undertaken, or will be undertaken, and when, to address the non-compliance.

Note: *A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.*

APPENDIX 1: SCHEDULE OF LAND

Lot	Plan
781	DP 878179

APPENDIX 2: GENERAL LAYOUT OF THE DEVELOPMENT

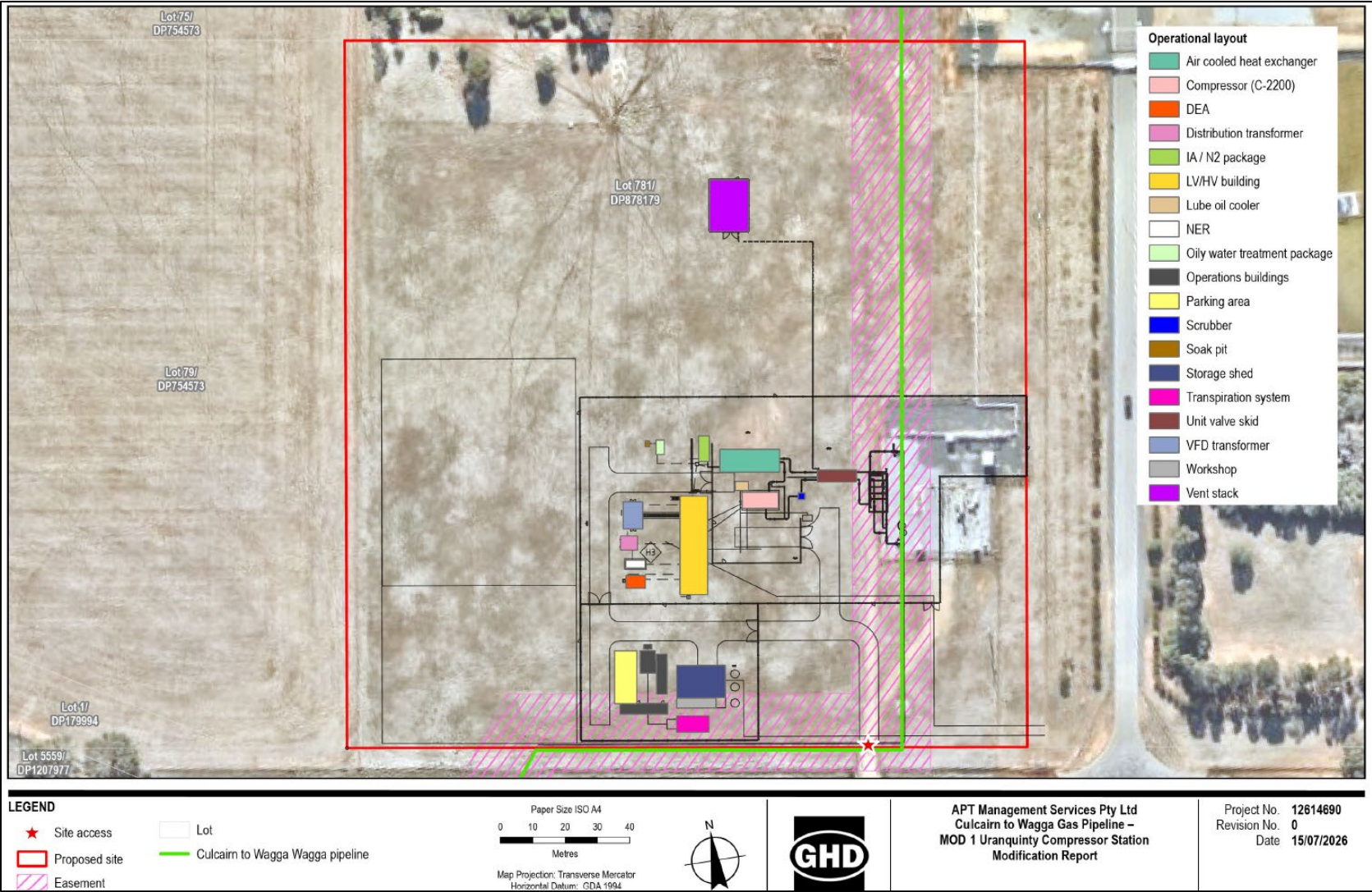


Figure 1 | Development Layout



Figure 2 | Approved disturbance footprint

APPENDIX 3

INCIDENT NOTIFICATION AND REPORTING REQUIREMENTS

1. All incident notifications and reports must be submitted via the NSW planning portal (Major Projects).
2. The Applicant must provide notification as required under these requirements, even if the Proponent fails to give the notification required under condition C6, Schedule 2 or, having given such notification, subsequently forms the view that an incident has not occurred.
3. Within 7 days (or as otherwise agreed by the Planning Secretary) of the Proponent making the immediate incident notification (in accordance with condition C6, Schedule 2), the Proponent is required to submit a subsequent incident report that:
 - (a) identifies how the incident was detected;
 - (b) identifies when the Proponent became aware of the incident;
 - (c) identifies any actual or potential non-compliance with conditions of consent;
 - (d) identifies further action(s) that will be taken in relation to the incident;
 - (f) a summary of the incident;
 - (g) outcomes of an incident investigation, including identification of the cause of the incident;
 - (h) details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence, including the period for implementing any corrective and/or preventative actions; and
 - (i) details of any communication with other stakeholders regarding the incident.
4. The Proponent must submit any further reports as directed by the Planning Secretary.