



**2005 ANNUAL REPORT**

**TO**

**PRIMARY INDUSTRIES AND  
RESOURCES SA  
(Petroleum)**

**ON**

**Pipeline Licence No 11**

**Berri to Mildura Pipeline**

**March 2006**

## TABLE OF CONTENTS

TABLE OF CONTENTS.....	2
1. Introduction.....	3
2. Pipeline Throughput .....	3
3. Statement of Expenditure .....	3
4. Safety and Environment.....	3
4.1. Five Yearly MAOP Review.....	3
4.2 Environmental Management .....	3
4.2.1 Environmental Audit.....	4
5. Inspection and Maintenance Activities .....	4
6. Corrosion Control .....	4
7. Right of Way Management .....	5
7.1. Right of Way Patrols.....	5
7.2. Landholder Contacts .....	5
7.3. Community Awareness Programme .....	5
7.4. Pipeline Location Service.....	6
8. Emergency Management .....	6
8.1. Emergency Response Plan .....	6
8.2. Emergency Response Exercise .....	6
9. Compliance Issues.....	6
10. Management Systems.....	7
11. Reports Generated in 2004 .....	9
12. Known or Foreseeable Activities Affecting the Pipeline.....	9
13. Future Operations.....	9
APPENDIX 1 - CATHODIC PROTECTION SURVEY RESULTS 2005 .....	10

## 1. Introduction

This report has been prepared by Origin Energy Asset Management (OEAM) on behalf of Envestra Ltd, the owner of the Berri to Mildura Pipeline and is submitted in accordance with the requirements of Pipeline Licence 11 and Petroleum Regulations 2000.

OEAM operates and manages the Berri Mildura Pipeline on behalf of Envestra Ltd in accordance with the legislative requirements in South Australia, all relevant Codes, standards and Pipeline Licence 11.

As required by Pipeline Licence 11 an annual review of pipeline operations for the 2005 calendar year is provided herein.

## 2. Pipeline Throughput

The pipeline throughput for the year 2005 was approximately 312 TJ.

## 3. Statement of Expenditure

Commercial in confidence.

## 4. Safety and Environment

There were no reported safety or environmental incidents on the Berri to Mildura Pipeline during 2005.

### 4.1. Five Yearly MAOP Review

An engineering review was commissioned by the National Pipelines Group to confirm the Maximum Allowable Operational Pressure (MAOP) of the Berri Mildura Pipeline in accordance with OEAM Procedure # 9161 and AS2885 Part 1 (Clause 4.2.3) and Part 3 (Clause 8.6).

Since its construction, the MAOP for the Berri to Mildura pipeline system has been 9,525 kPa at the maximum design temperature of 60°C. Apart from the installation of a water bath heater at the Mildura Delivery Station, no other operational changes affecting the pressure rating on any other part of the pipeline have occurred during the past 5 years of operation.

A HAZOP study of the water bath heater is scheduled for January 2006 to determine what effect, if any, it has on the MAOP.

### 4.2 Environmental Management

To comply with the requirements of Australian Standard AS2885 "Pipelines - Gas & Liquid Petroleum" and the Petroleum Act 2000, OEAM have a Statement of Environmental Objectives to aid operators in the management and control of regrowth vegetation along the pipeline easement and these objectives have been complied with. In accordance with the requirements of AS2885, line of sight between pipeline marker posts has been preserved along the pipeline easement to safeguard against any third party damage to the asset.

#### 4.2.1 Environmental Audit

An environmental audit was commissioned by the National Pipelines Group to assess the performance of Berri-Mildura pipeline (BMP) activities in accordance with the requirements of Pipeline Licences No.11 (SA) and No. 226 (VIC), environmental objectives specified in the Berri to Mildura Natural Gas Transmission Pipeline - Statement of Environmental Objectives (Sept 2002) and APIA Code of Environmental Practice.

The environmental audit program comprised of an inspection of the BMP and review of operational systems and programs associated with the ongoing monitoring and measurement of environmental objectives for the BMP. Representatives from Origin Energy participated in both phases of the environmental audit that was undertaken during April 2005.

Environmental conditions observed along the pipeline easement and activities associated with the operation and maintenance of the Berri to Mildura natural gas transmission pipeline and associated infrastructure are performed in accordance with the environmental objectives specified in the Statement of Environmental Objectives (SEO) and APIA Code of Environmental Practice.

Some recommendations for improvement in environmental performance of pipeline activities and environmental conditions were identified during the course of the environmental audit. Recommendations for improvement relate to the management of overgrown vegetation affecting line of sight along the easement at Gurra Gurra Lakes, fire prevention and weed spread mitigation strategies to minimise the potential for fire or weed spread on land associated with accessing the easement, environmental training and induction programs to ensure that pipeline personnel and contractors are aware of environmental compliance requirements and environmental management procedures associated with managing the pipeline easement.

## 5. Inspection and Maintenance Activities

### 5.1 Routine Inspection and Maintenance

Routine maintenance on the pipeline has been carried out in accordance with the maintenance schedule contained OEAM's Operations and Maintenance Manual. This has consisted of right of way inspections (refer below), 6 monthly maintenance of valves and other mechanical equipment and an annual maintenance of electrical and instrumentation components.

A leakage survey of the entire Berri-Mildura pipeline was conducted in 2005 with no leaks detected.

### 5.2 Non-Routine Maintenance

No non-routine maintenance was conducted in 2005.

## 6. Corrosion Control

To mitigate corrosion, the Berri Mildura pipeline is coated with a protective extruded butyl mastic and polyethylene coating system which serves to isolate the external pipeline surfaces from corrosive elements in the surrounding environment. Field joints are coated

with a normal field applied tape system. Secondary protection at coating imperfections is achieved through the use of cathodic protection.

The effectiveness of the cathodic protection is monitored by carrying out a full line potential survey. These are conducted on a six monthly basis. Routine checks of test points along the pipeline showed that all sections of the pipeline are at fully protected potentials.

A summary of the CP survey results conducted during 2005 is included in Appendix 1.

The 2005 survey showed that there was a reduced level of protection at Berri when compared to the previous survey conducted in May 2005. An investigation revealed the MOV/gas arrester at Test Point 14 shorted to the in side of the test point box. This had effectively connected the pipeline to the earthing system which drained cathodic protection current from the pipeline. Data logger charts on 15 November showed an improvement in level of protection when the contact was removed.

The CP survey also indicated that the anode bed at Loxton requires replacement due to the recorded low potentials in this area. This is currently being investigated by OEAM's CP engineer. Investigation will reveal whether the problem is caused by soil resistivity or the actual anode beds.

## **7. Right of Way Management**

### **7.1. Right of Way Patrols**

Ground patrols are carried out monthly in accordance with the maintenance schedule for the pipeline.

### **7.2. Landholder Contacts**

There are 25 landowners/occupiers along the South Australian section of the Berri Mildura Pipeline. During 2005 contact was made with all 25 landowners and occupiers.

A landholder/occupier liaison scheme is in place whereby each owner or occupier is visited annually. This is to ensure that ongoing communication is maintained with landowners and occupiers and to identify and address any issues arising. Additional contacts were made with respective landholders and/or occupiers in the course of routine pipeline operations and maintenance activities (eg: corrosion surveys through properties, line valve maintenance, routine patrols).

All landowners/occupiers were visited by Origin Energy in May 2005 during which time their obligations to the pipeline easement, general pipeline safety and their awareness of the location of the pipe through the property were discussed.

In addition to the annual visit, all landowners are sent letters outlining the pipeline safety awareness on a six monthly basis.

### **7.3. Community Awareness Programme**

In addition to the landowner visits, a formal annual Community Awareness Programme for the Berri Mildura Pipeline is also in place. The awareness programme involves visiting fire authorities, police, ambulance, councils, earthmoving contractors and various community members and highlighting pipeline safety and awareness. The focus of the visits is to improve their awareness of pipeline operations and to provide the community with key contacts to enable sound management of activities in the vicinity of the pipeline assets.

Contact was made with local councils, utilities including ETSA and Telstra, local contractors and the fire and police departments along the pipeline to ensure their ongoing awareness of the pipeline system and its location.

#### **7.4. Pipeline Location Service**

OEAM provides a free service to locate its pipelines for other utilities and third parties carrying out civil work in the vicinity. This is administered through the Dial Before You Dig (1100) organisation. All locations requests result in supervision of third party activity within the pipeline easement. All works carried out within the pipeline easement were conducted under OEAM's "Work Permit System". The works are constantly supervised to ensure the safety and integrity of the pipeline system and personnel.

### **8. Emergency Management**

#### **8.1. Emergency Response Plan**

The Emergency Response Plan ("Plan") for the pipeline is reviewed in conjunction with conducting emergency exercises. Thereafter any changes or improvements that may arise as a result of the exercise recommendations are incorporated into the Plan.

#### **8.2. Emergency Response Exercise**

The last emergency exercise conducted for the Berri to Mildura pipeline system occurred in October in 2004.

### **9. Compliance Issues**

Every endeavour is made to ensure that design, manufacture, construction, operation and maintenance and testing of appropriate facilities are carried out in accordance with AS 2885, the Petroleum Act 2000 and Petroleum Regulations 2000.

No non-conformances occurred on the pipeline during 2005.

#### **9.1 Management Systems Audit**

A management systems audit was undertaken by GPA of OEAM's operation and maintenance of transmission pressure pipelines. The audit found that generally, OEAM maintains adequate systems to ensure compliance and the safe and effective management of transmission pressure pipelines. A number of recommendations were made which are now being undertaken and completed.

## 9.2 Compliance Audit

The purpose of the Operational Assessment is to determine compliance of the BMP facility with Pipeline Licence conditions and the operational requirements of AS 2885.3 - 2001. The focus of the assessment was to review the operational organisation and consistency of planned activities, the adequacy of documented systems and maintenance and inspection requirements in accordance with appropriate Standards.

The assessment was carried out in relation to reviewing the following processes:

- Conditions of the pipeline licences
- Safety and operating plans
- Emergency response plan for relevance, currency, exercises, materials & equipment (ref. AS 2885.3, 4.2.2(e) and 4.3)
- Operations and maintenance processes and procedures for implementation (ref. AS 2885.3, 4.2.2(d))
- Records management processes (ref. AS 2885.3, 4.2.2(f))
- Facility inspection to ensure that procedures and practices have been implemented.

An opening meeting with OEAM staff and desktop assessment was conducted on 30 March 2005, followed by a physical assessment of the facility at Berri - Mildura on 5 - 6 April 2005.

The findings from this audit indicated that the Berri to Mildura natural gas pipeline is well maintained and operated and the recommendations made in the 2003 audit have been implemented.

The audit highlighted that;

- Tighter control was required for critical operational documents eg: MAOP, O&M procedures.
- A Quality Management System would facilitate access to records.

## 10. Management Systems

OEAM utilises a number of management systems to ensure effective operations and management of the pipeline. Some of these are listed below:

- An Origin Energy Health Safety and Environment Management System that governs all Origin Energy operations as they impact occupational health, safety and environmental matters.
- A National Gas Transmission Pipeline Operations and Maintenance Procedure Manual containing nationally recognised standards and practices for the operation and maintenance of transmission pipelines managed by OEAM. These are continually reviewed and periodically updated as appropriate.
- A Document Management System which allows the controlled updating, distribution and viewing of pipeline documentation.

- A Management of Change System that assesses all proposed changes to the pipeline across all engineering disciplines, operational parameters and documentation. This system interfaces with the Document Management System to ensure relevant documentation affected by the change is updated and distributed.
- An audit programme that assesses contractor and operational management performance.
- Conformance against the Safety and Operating Plan developed for the Berri-Mildura Pipeline.

## 11. Reports Generated in 2005

Origin Energy generated the following reports during 2005:

- PL 11 Annual Report for 2004, submitted in March 2005
- MAOP Report
- Quarterly compliance with SEO reports

## 12. Known or Foreseeable Activities Affecting the Pipeline

Nil

## 13. Future Operations

Future operations planned for the next 24 months include:

- Emergency Response Exercise
- DCVG Survey
- Continue environmental monitoring and audits as required by the Statement of Environmental Objectives for the pipeline.
- Continue routine inspection and maintenance activities, including regular liaison with landowners and third parties along the pipeline route.
- Continue community awareness programme seminars with all landowners, occupiers and interested third parties.
- Continue monitoring the level of cathodic protection along the entire pipeline and install additional surge protection devices.
- Conduct an operational audit on contractor and management systems to assess compliance with operating and maintenance procedures.
- Conduct leakage survey of the entire pipeline (planned for mid 2006).

## APPENDIX 1 - CATHODIC PROTECTION SURVEY RESULTS 2005

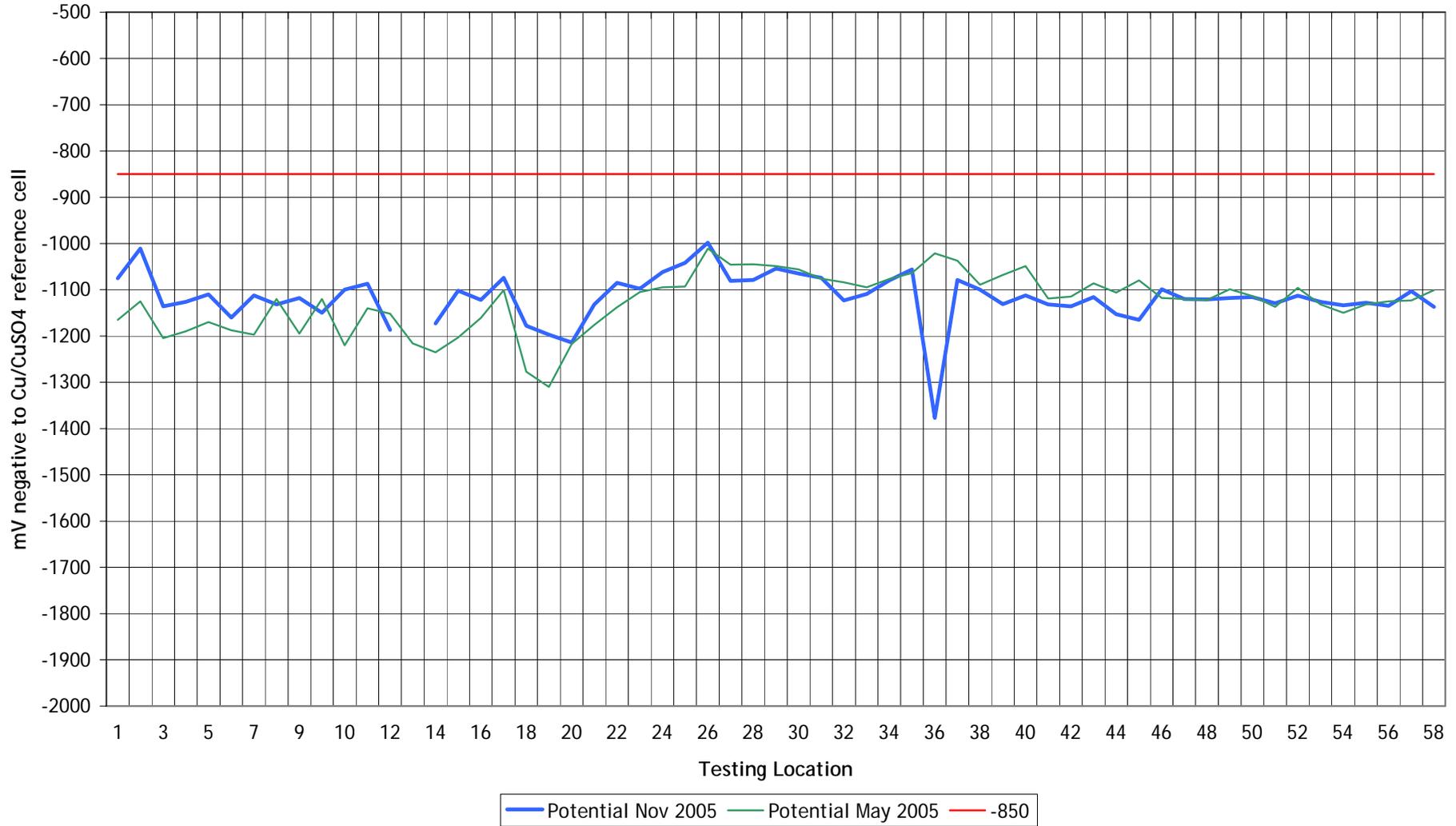
### Potential Summary For Berri-Mildura Pipeline

Date	Test Point Number	Location	Potential Nov 2005	Potential May 2005	Under Value	Measurement Type
			On Potential	On Potential		
May-04	1	Berri City Gate	-1075	-1165	-850	Spot
May-04	2	Existing Gas Pipeline Crossing	-1011	-1125	-850	Spot
May-04	3	Easement	-1136	-1205	-850	Spot
May-04	4	Hardwick Rd	-1126	-1190	-850	Spot
May-04	5	Jury Rd	-1110	-1170	-850	Spot
May-04	6	Easement	-1160	-1188	-850	Spot
May-04	7	Tipper St - Gas Pipeline Crossing	-1112	-1197	-850	Spot
May-04	8	JC Smith Rd - Gas Pipeline Crossing	-1132	-1120	-850	Spot
May-04	9	JC Smith Rd - Gas Pipeline Crossing	-1118	-1195	-850	Spot
May-04	9a	JC Smith Rd - Gas Pipeline Crossing	-1150	-1120	-850	Spot
May-04	10	Jellet Rd - Gas Pipeline Crossing	-1100	-1220	-850	Spot
May-04	11	Shiel & Skellon Rd's	-1087	-1140	-850	Spot
May-04	12	Sturt Highway	-1187	-1152	-850	Spot
May-04	13	West Bank of Murray River - Berri Dump		-1216	-850	Spot
May-04	14	Lagoon Dr - Lyrup	-1173	-1235	-850	Spot
May-04	15	Brown St - Lyrup	-1102	-1203	-850	Spot
May-04	16	Brown St - Lyrup	-1122	-1161	-850	Spot
May-04	17	Brown St - Lyrup	-1074	-1101	-850	Spot
May-04	18	Old Lyrup Main Rd - Paddock	-1178	-1277	-850	Spot
May-04	19	Loxton/Mildura Rd - MLV2	-1197	-1310	-850	Spot
May-04	20	Paddock at Fenceline	-1214	-1217	-850	Spot
May-04	21	Buglehut Rd	-1132	-1176	-850	Spot
May-04	22	Goulden Rd	-1085	-1138	-850	Spot
May-04	23	Taldra Rd	-1098	-1105	-850	Spot
May-04	24	Gregurkie's Paddock - Walk In 1.2 km	-1062	-1095	-850	Spot
May-04	25	Bede Rd	-1042	-1093	-850	Spot
May-04	26	Sturt Highway - SA/Vic Border	-998	-1011	-850	Spot

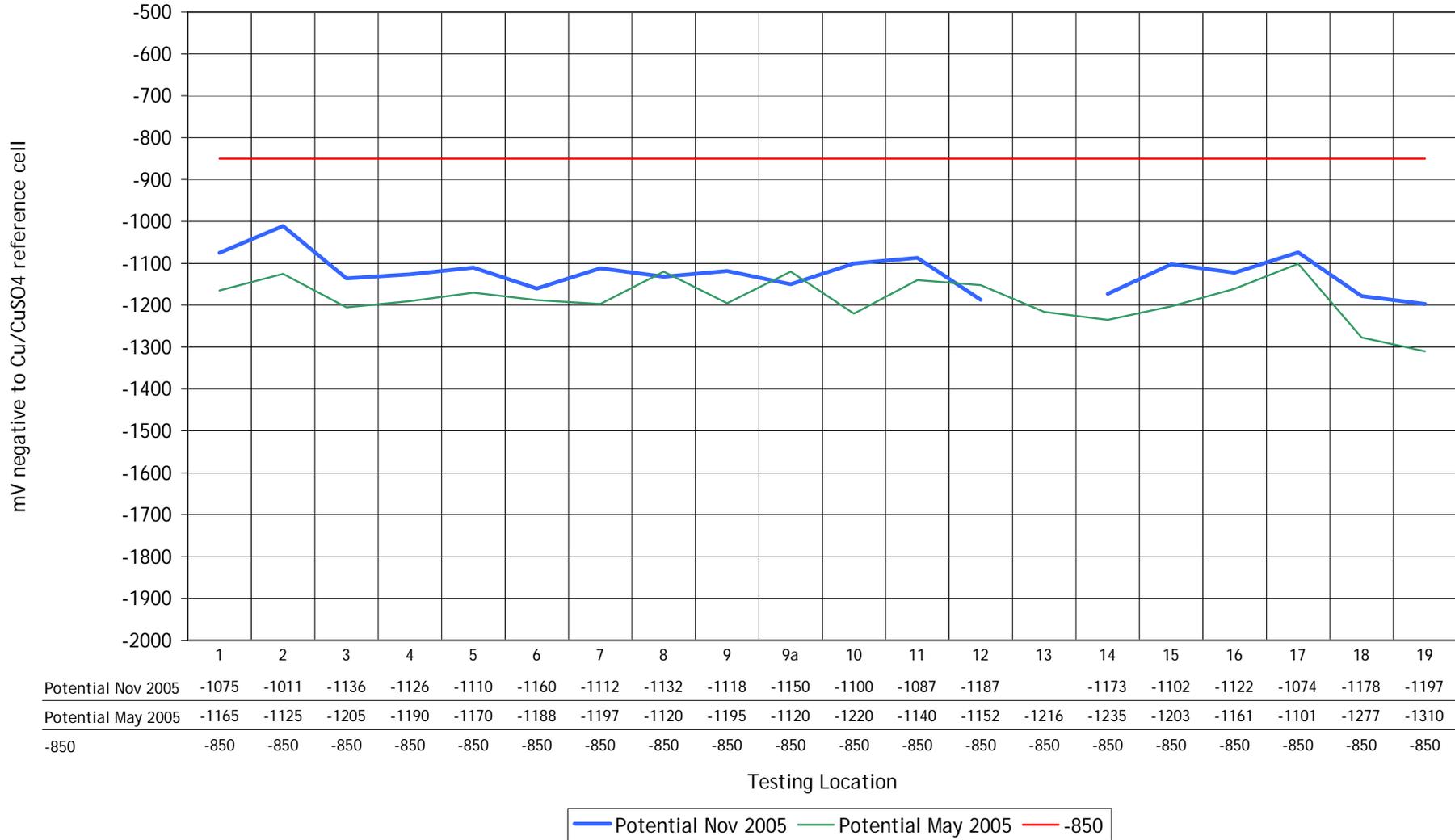
Date	Test Point Number	Location	Potential Nov 2005	Potential May 2005	Under Value	Measurement Type
			On Potential	On Potential		
May-04	27	Sturt Highway - Murray Sunset Nat. Pk.	-1081	-1046	-850	Spot
May-04	28	Sturt Highway - Murray Sunset Nat. Pk.	-1079	-1045	-850	Spot
May-04	29	Settlement Rd - Off Sturt Hwy	-1054	-1049	-850	Spot
May-04	30	Sturt Hwy - Inside fenceline of property	-1065	-1056	-850	Spot
May-04	31	Sturt Hwy & Nunns Rd	-1074	-1076	-850	Spot
May-04	32	Sturt Hwy & Duncans Rd	-1123	-1084	-850	Spot
May-04	33	Sturt Hwy & Karween North Rd - MLV3	-1109	-1095	-850	Spot
May-04	34	Sturt Hwy - Inside fenceline of property	-1080	-1077	-850	Spot
May-04	35	Sturt Hwy - Inside fenceline of property	-1056	-1064	-850	Spot
May-04	36	Sturt Hwy - Inside fenceline of property	-1377	-1021	-850	Spot
May-04	37	Sturt Hwy & Bailey Rd	-1079	-1037	-850	Spot
May-04	38	Sturt Hwy - Inside fenceline of property	-1100	-1089	-850	Spot
May-04	39	Sturt Hwy & Barkers Ln	-1131	-1068	-850	Spot
May-04	40	Sturt Hwy & Werrimul North Rd	-1112	-1049	-850	Spot
May-04	41	Sturt Hwy & Beers Ln	-1132	-1119	-850	Spot
May-04	42	Sturt Hwy & Lepodevins Rd	-1136	-1115	-850	Spot
May-04	43	Sturt Hwy & Karrawinna North Rd	-1116	-1086	-850	Spot
May-04	44	Sturt Hwy & Rogers Ln	-1153	-1106	-850	Spot
May-04	45	Sturt Hwy (Lucas Property) - MLV4	-1165	-1080	-850	Spot
May-04	46	Odea's Ln & Wheelers Rd	-1099	-1118	-850	Spot
May-04	47	Odea's Ln & Gaims Ln	-1120	-1120	-850	Spot
May-04	48	Odea's Ln & Piritta North Rd	-1121	-1122	-850	Spot
May-04	49	Odea's Ln & Pratts Rd	-1118	-1099	-850	Spot
May-04	50	Odea's Ln & Governemnt Rd	-1116	-1114	-850	Spot
May-04	51	Odea's Ln & Meridian Rd	-1129	-1137	-850	Spot
May-04	52	Box Ave - Koorlong State Forest	-1113	-1096	-850	Spot
May-04	53	Oak Ave - Koorlong	-1126	-1132	-850	Spot
May-04	54	San Mateo Ave - Koorlong	-1134	-1150	-850	Spot
May-04	55	Benetook Ave	-1128	-1132	-850	Spot

Date	Test Point Number	Location	Potential Nov 2005	Potential May 2005	Under Value	Measurement Type
			On Potential	On Potential		
May-04	56	Benetook Ave	-1135	-1125	-850	Spot
May-04	57	Twentieth St	-1103	-1123	-850	Spot
May-04	58	Mildura City Gate	-1137	-1101	-850	Spot

Potential Summary and Graph for Berri-Mildura Pipeline  
Nov 2005



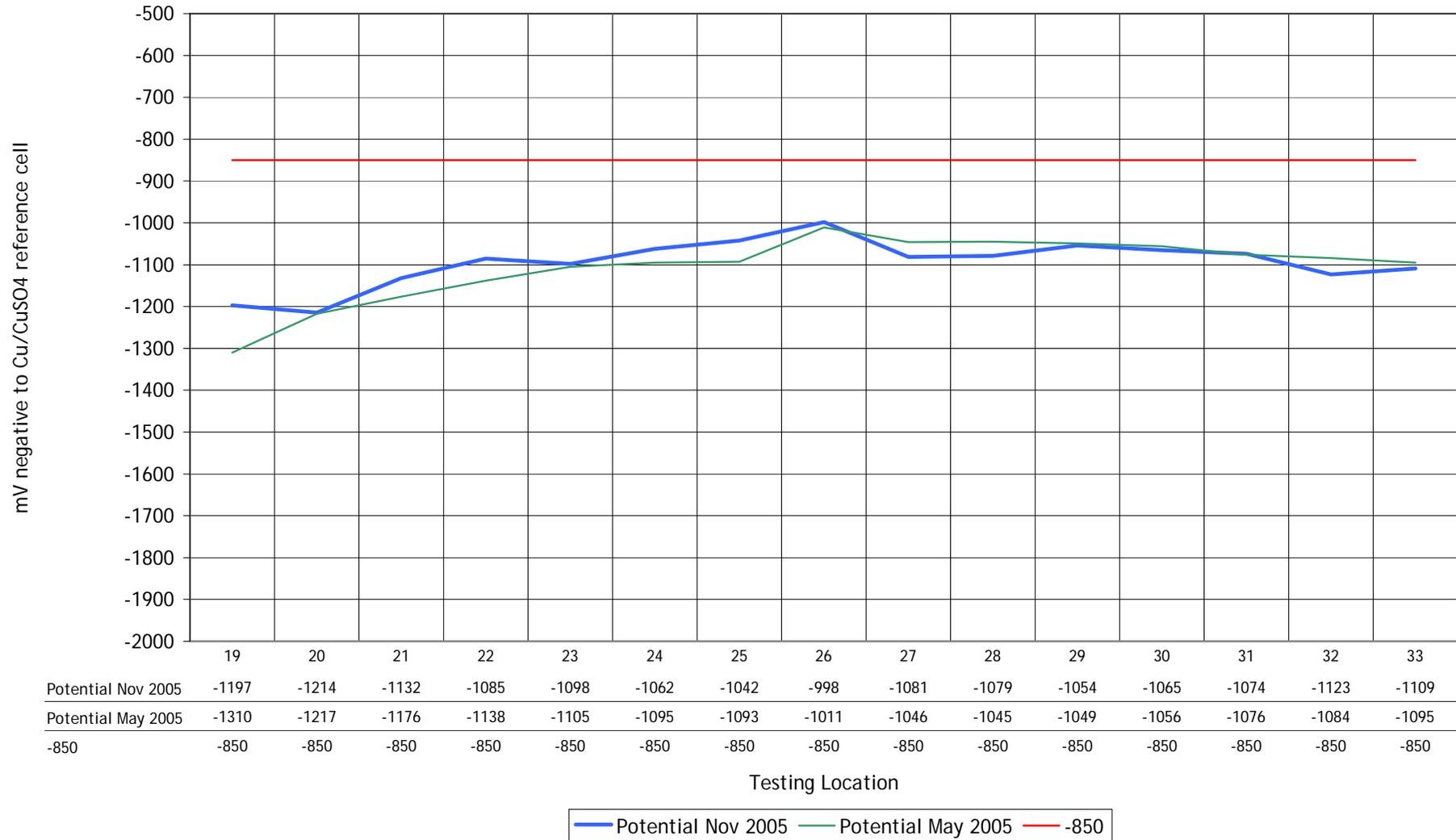
Potential Summary and Graph for Berri-Mildura Pipeline  
 Nov 2005  
 Test Point 1 - 19



Potential Summary and Graph for Berri-Mildura Pipeline

Nov 2005

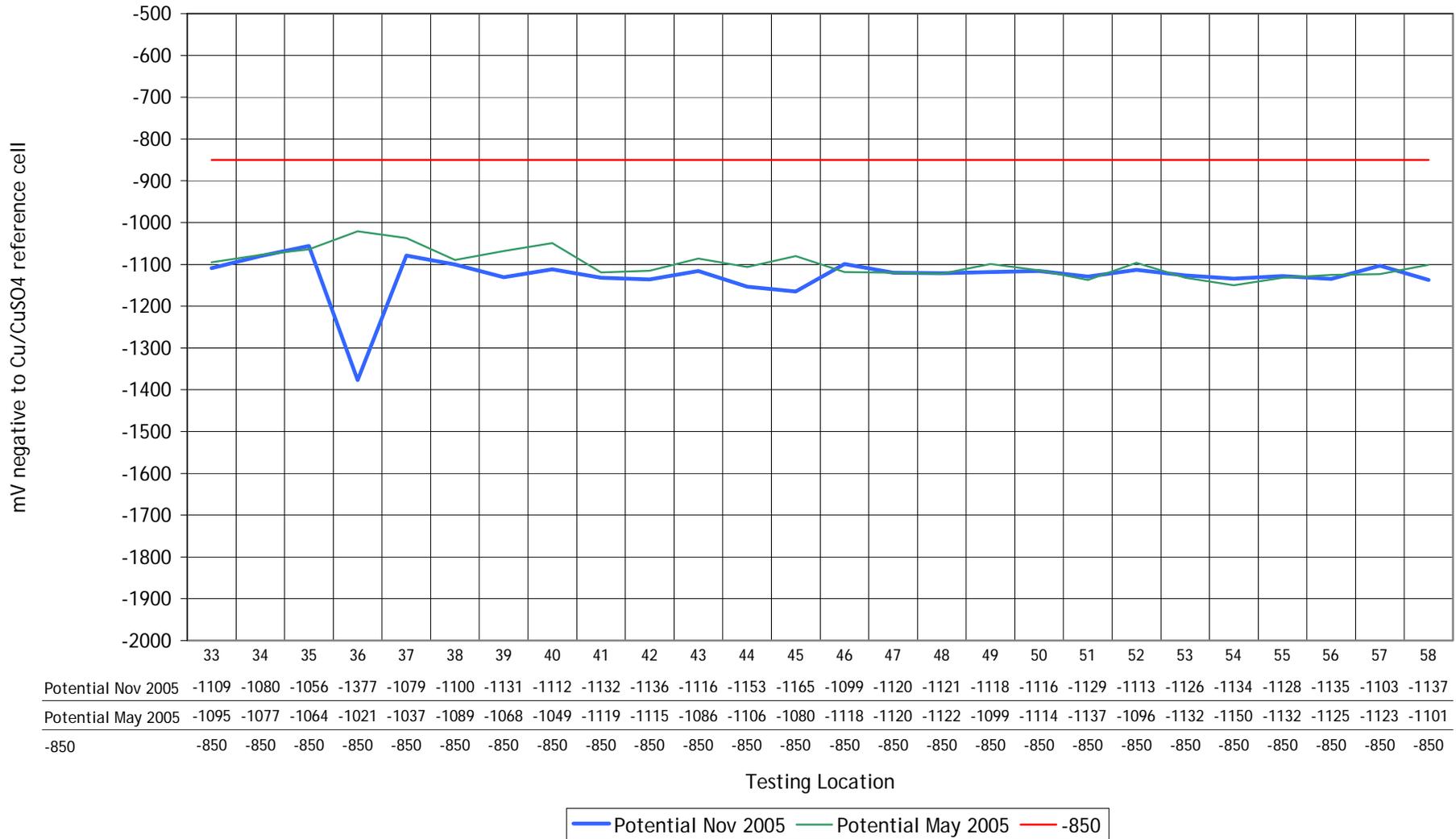
Test Point 19 - 33



Potential Summary and Graph for Berri-Mildura Pipeline

Nov 2005

Test Point 33 - 58



**Berri to Mildura Pipeline (PL11)**  
**Assessment of Declared Environmental Management Objectives 2005**

Berri to Mildura Pipeline Objectives and Assessment Criteria <sup>1</sup>

OBJECTIVE	GOAL(S)	COMPLIANCE CRITERIA	ACHIEVED/ NOT ACHIEVED	COMMENTS
<p>1. Vegetation</p> <p>1.1 To promote and maintain vegetation in accordance with surroundings.</p>	<p>1.1.2 To encourage regrowth of native grasses and shrubs along the right-of-way, within 3m of the pipeline centreline, where appropriate (i.e. – not in farmland used for cropping or pasture).</p> <p>1.1.3 To maintain land use in accordance with pre-existing conditions.</p> <p>1.1.4 To ensure environmental weeds and pathogens along the right-of-way are managed in a manner consistent with adjoining land.</p> <p>1.1.5 To monitor and manage revegetation areas.</p>	<ul style="list-style-type: none"> <li>• Native vegetation regrowth (grasses, shrubs &amp; trees) along easement is typical of adjoining areas.</li> <li>• Regular landholder liaison. No landholder claims in respect to crop losses along the easement.</li> <li>• No new weed infestations as a result of pipeline operations.</li> <li>• No spread of weeds along the pipeline easement.</li> <li>• Easement revegetation (as measured by foregoing criteria) confirmed via photographic records.</li> </ul>	Achieved	
<p>2. Soil</p> <p>2.1 To conserve the original state of the soil.</p>	<p>2.1.1 To ensure that there is no erosion or subsidence along the right-of-way.</p> <p>2.1.2 To manage soil rehabilitation areas in an appropriate manner.</p>	<ul style="list-style-type: none"> <li>• Soil erosion and/or subsidence is better, or at least consistent with the surrounding area.</li> <li>• Rehabilitation areas support regrowth consistent with the surrounding area.</li> </ul>	Achieved	

<sup>1</sup> Assessment criteria have been developed to be “black and white”. Professional judgement is required to assess whether non-compliance is minor or major. It is necessary to ensure that adequate information is available to enable this judgement to be made.

OBJECTIVE	GOAL(S)	COMPLIANCE CRITERIA	ACHIEVED/ NOT ACHIEVED	COMMENTS
3. Fauna 3.1 To preserve existing habitats.	3.1.1 To ensure that pipeline operations do not impinge upon existing native fauna habitats. 3.1.2 To maintain stockpiled vegetation. 3.1.3 To ensure that operations do not impose restrictions to fauna crossing the right-of-way.	<ul style="list-style-type: none"> <li>• No alterations to existing remnant vegetation areas.</li> <li>• No alteration to existing stockpiled vegetation.</li> <li>• No obstructions to fauna installed along easement.</li> <li>• Pest animals such as foxes and feral cats reported to appropriate authorities.</li> </ul>	Achieved	
4. Water Resources 4.1 To prevent pollution of watercourses. 4.2 To promote and maintain water drainage patterns	4.1.1 To ensure that operation and maintenance activities do not give rise to pollution of watercourses. 4.1.2 To ensure that there is no evidence of altered drainage patterns.	<ul style="list-style-type: none"> <li>• Solid &amp; liquid wastes have not polluted rivers, streams, watercourses, dams or lakes.</li> <li>• Bank stability maintained, especially following high rainfall events.</li> <li>• Likely alteration to drainage patterns not evidenced by soil erosion or subsidence.</li> </ul>	Achieved	
5. Air Quality 5.1 To minimise the potential for emissions that heighten public concern.	5.1.1 To ensure that uncontrolled gas emissions are reported and actioned in a timely manner. 5.1.2 To minimise dust generation by management of vehicle operations along the right-of-way.	<ul style="list-style-type: none"> <li>• No unintentional gas emissions reported.</li> <li>• No complaints from third parties in respect of air quality.</li> <li>• Compliance with Legislative requirements of <i>Environment Protection Act 1993</i> in respect of gaseous and dust emissions.</li> </ul>	Achieved	

OBJECTIVE	GOAL(S)	COMPLIANCE CRITERIA	ACHIEVED/ NOT ACHIEVED	COMMENTS
<p>6. Land Use</p> <p>6.1 To avoid significant disturbance to land use or damage to infrastructure.</p>	<p>6.1.1 To minimise disturbance to land use and damage to infrastructure.</p> <p>6.1.2 To inform landholders of likely land use disturbance as a direct result of operations.</p> <p>6.1.3 To develop site-specific land management strategies in consultation with landholders, for likely impacts arising from temporary land use disturbance.</p>	<ul style="list-style-type: none"> <li>• No complaints from landholders in relation to land use modification or infrastructure damage.</li> <li>• Landholders are appropriately consulted regarding pipeline activities which may affect their particular property.</li> </ul>	Achieved	<p>Program of landowner liaison completed for 2005.</p> <p>No complaints from landholders have been received.</p>
<p>7. Public Safety</p> <p>7.1 To minimise risks to public and third party health and safety.</p>	<p>7.1.1 To ensure that adequate measures are in place to protect public and third party safety during operations and maintenance activities.</p> <p>7.1.2 To ensure that adequate measures are in place to protect public and third party safety during emergency operations.</p> <p>7.1.3 To minimise the risk of fire during routine operations.</p>	<ul style="list-style-type: none"> <li>• No occupational health, safety and welfare incident or accidents involving third parties.</li> <li>• No unauthorised activity on the pipeline easement</li> <li>• Documented evidence of public safety management and pipeline awareness, in the course of pipeline operations.</li> <li>• Adherence to AS2885 demonstrated via annual reports, emergency response reports and fitness for purpose reports (refer to <i>Petroleum Act 2000</i>).</li> <li>• No fire outbreaks arising from pipeline operations.</li> </ul>	Achieved	<p>No safety incidents or near misses have occurred.</p>

OBJECTIVE	GOAL(S)	COMPLIANCE CRITERIA	ACHIEVED/ NOT ACHIEVED	COMMENTS
8. Noise 8.1 To minimise noise due to operations.	8.1.1 To ensure that operations comply with noise standards.	<ul style="list-style-type: none"> <li>No noise related complaints from landholders or third parties.</li> <li>Compliance with Legislative requirements of <i>Environment Protection Act 1993</i> in respect of noise emissions.</li> </ul>	Achieved	No complaints regarding noise have been received.
9. Waste 9.1 To manage all operational wastes in an appropriate manner.	9.1.1 To ensure that all wastes are removed from the site and, in order, reused, recycled or appropriately disposed. 9.1.2 To conduct all activities in a manner that reduces the production of waste.	<ul style="list-style-type: none"> <li>No wastes evident on or off the easement arising from pipeline operations.</li> <li>Documented waste disposal records to confirm appropriate disposal.</li> </ul>	Achieved	Wastes generated from normal pipeline operations from gate and main line valve stations are collected and returned to OEAM depot for safe disposal.
10. Right of Way Clearance 10.1 To enable unobstructed access for right-of-way inspection; routine operation, maintenance and emergency access.	10.1.1 To manage vegetation regrowth along the right-of-way, so as not to restrict access or to incur damage to the pipeline infrastructure. 10.1.2 To deter regrowth of native trees along the right-of-way (minimum separation of 3m from pipeline centreline).	<ul style="list-style-type: none"> <li>Disturbance of native vegetation restricted to right-of-way.</li> <li>Avoid disturbance to areas of remnant vegetation.</li> <li>No new weed infestations as a result of pipeline operations.</li> </ul>	Achieved	Vegetation overgrowth continues to be addressed in some right of way areas.

OBJECTIVE	GOAL(S)	COMPLIANCE CRITERIA	ACHIEVED/ NOT ACHIEVED	COMMENTS
<p>11. Heritage Management</p> <p>11.1 To ensure that identified heritage sites are undisturbed and appropriately managed during pipeline operations and maintenance activities.</p>	<p>11.1.1 To manage identified Aboriginal and European heritage sites in accordance with prescribed procedures.</p> <p>11.1.2 To appropriately manage any newly identified heritage sites in accordance with prescribed procedures.</p>	<ul style="list-style-type: none"> <li>• Management of identified heritage sites in consultation with traditional custodians.</li> <li>• Compliance with work instructions in relation to heritage site management.</li> <li>• Compliance with Legislative requirements of <i>Aboriginal Heritage Act 1988</i> and <i>Heritage Act 1993</i> in respect of previously identified and potentially 'new' sites along the pipeline easement.</li> </ul>	Achieved	<p>No new heritage or Aboriginal sites identified.</p> <p>No complaints from 3<sup>rd</sup> parties, relevant stakeholders or local authorities.</p>
<p>12. Security of supply</p> <p>12.1 To ensure that security of natural gas supplies are maintained to gas consumers.</p>	<p>12.1.1 To minimise the potential for significant disruption of gas supply to customers in line with contractual agreements.</p>	<ul style="list-style-type: none"> <li>• No interruption to supply.</li> </ul>	Achieved	<p>No interruptions to supply have resulted over the past 3 months.</p>
<p>13. Easement restoration and infrastructure state</p> <p>13.1 To appropriately decommission the pipeline in accordance with regulatory requirements and accepted best practice environmental management criteria</p>	<p>13.1.1 To decommission pipeline and associated infrastructure in a safe and timely manner, in accordance with appropriate regulatory requirements</p> <p>13.1.2 To minimise environmental disturbance to remnant vegetation; landholders and third party stakeholders</p> <p>13.1.3 To restore the natural environment and promote biodiversity (if applicable)</p>	<ul style="list-style-type: none"> <li>• Compliance with relevant occupational health, safety and welfare regulatory requirements</li> <li>• Compliance with relevant environmental regulatory requirements</li> <li>• No complaints from landholders and third party stakeholders</li> <li>• Initiation of revegetation or similar restoration works and monitoring programmes as required (if applicable)</li> </ul>	Not Applicable	