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**South Australian Government
Department of Primary Industries and Resources
Licence 8 Annual Report
2008 - 2009**



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1 INTRODUCTION

This report provides information to the Minister of Primary Industries and Resources, South Australia, in accordance with requirements of Section 33 of the Petroleum Regulations 2000. During the reporting period for operations and maintenance.

2 REGULATED ACTIVITIES

2.1 *Inline Inspection (ILI)*

There was no in-line inspection carried out on this section of the pipeline during the report period.

2.2 *Corrosion control*

2.2.1 Annual Pipe to Soil Potential Survey

The annual pipe-to-soil survey from MS00 to MS101 was completed in July 2008. All test points surveyed, were protected according to AS2832.1.

2.2.2 Cathodic Protection System

Two CP units at MS29 and MS83 protect the pipeline. No significant outages affecting protection were recorded.

Telemetry systems on the cathodic protection system operated reliably for the period.

2.3 *Emergency Simulation Exercise*

There was one emergency response simulation exercise conducted along the SA section of the Moomba – Sydney pipeline.

The APA Group and emergency response plan was activated in regards to potential flow restriction due to an event at the Moomba Plant affecting supply.

2.4 *Mechanical and electrical maintenance*

Routine six-monthly maintenance was performed at MS00, MS29, MS55 and MS83 as per the maintenance schedule. This included all line valves and coolers at the Moomba inlet station. Santos operators inspected the Moomba cooler inlet station each week. This maintenance was performed in accordance with the 'Gorodok Operations and Maintenance Agreement 1994' and to the requirements of Standard AS/NZS 2885.3 2001.



Six monthly and security inspections (“O” service) were completed at each valve site.

During this period, there were no equipment failures that posed a threat to the operating integrity of the pipeline.

2.5 Communications/SCADA

The communication and SCADA system performance exceeded targets for the 2008/09 financial year.

The SCADA system is based on technology that is increasingly difficult to maintain. The system has been assessed as having an increased risk of failure and a major upgrade program as been approved.

3 EASEMENT MANAGEMENT

3.1 Easement Maintenance

The easement was surveyed according to the Safety and Operating Plan. No significant issues were observed.

General housekeeping has been maintained at the valve sites.

3.2 Landowner and Emergency Services Activities

The Annual Landowner liaison program was completed during 2008/09. This included a landowner package being sent to all landowners and direct liaison as required.

3.3 Surveillance

Aerial patrols of the pipeline route were completed each month with additional vehicle patrols conducted in association with other maintenance activities.

4 HEALTH, SAFETY AND ENVIRONMENT

APA Group recorded no LTI, MTI or environmental incidents on the pipeline for this period in South Australia.

A new incident reporting management system, Workwise, has been introduced. WorkWise is the APA Group’s software system for the reporting of injuries, incidents, hazards (including environmental), near misses and documenting investigations and corrective actions.



The HSE program, “Non Negotiables” is based around the high-risk areas of the business and is endorsed by senior management and the HSE committees. The program currently focuses on five main areas: Incident and Hazard Management, Work Permits, Personal Protective Equipment, Competency, Licences and Training, and Plant, Tools and Equipment.

5 REGULATORY COMPLIANCE

Gorodok (owner of Moomba-Sydney ethane pipeline) and APA Group (Gorodok’s operations and maintenance contractor) comply with all relevant Acts, regulations, the licence and Statement of Environmental Objectives.

The pipeline is operated as per the requirements of AS2885.3-2001.

There was no issue of non-compliance to the Act.

6 COMPLIANCE

6.1 *Management System Audits*

Independent SaOP audits are conducted annually. All Recommendations identified in the 2008 SaOP audit have been closed.

Several audits were carried out on the management systems in place within APA during the reporting year.

The most recent audit of ethane pipeline and the Safety and Operating Plan (SAOP) was completed in May 2009. The final report for this audit has not yet been submitted.

6.2 *List of Reports*

6.2.1 *Reports Submitted to PIRSA*

- Annual report (this report)
- SaOP

6.2.2 *Gorodok Data or Reports*

- Annual CP Survey report
- MFL Inspection Report 2008

6.3 *Threat Mitigation, Prevention*

No reasonably foreseeable threats (other than those identified in the risk assessment previously reported) apply to this section of the pipeline.



7 FUTURE OPERATIONS

All maintenance operations will continue to be completed as scheduled to ensure that the integrity of the pipeline system is being maintained, as well as the safety and efficiency of APA operations.

8 PIPELINE OPERATION

The quantity of ethane transported through the Moomba-Sydney ethane pipeline for the year ended 30 June 2009 is shown in the following table:

	Tonnes	Max(tonnes) /day	Average (tonnes)/day
July	25508	983	852
August	26814	1009	865
September	24472	893	816
October	22004	850	709
November	20694	778	690
December	17762	733	581
January	19423	726	626
February	19725	831	704
March	9217	383	294
April	21353	752	711
May	21722	868	688
June	23860	954	792
YTD	253554	1009	694

9 Statement of Expenditure

Commercial in confidence.