

# Environmental Program

## SPILL MANAGEMENT

### BBA-G-ENP-1000-1400-0016

Revision	Date	Revision Description	Prepared	Reviewed	Approved
A0	27 April 2007	Draft for BBA review	IW		
A1	9 may 2007	Draft for DTAE review	IW		
B0	31 Oct 2007	Revised after audit and issued for DTAE approval	IW	JD	JC
B1	30 Jan 2008	Revised to include CMP reference	JRD	JD	CF

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### Operational Control Tables

Table OCO 16.1 Spill Management

## 1. Purpose and Scope

This Environmental Program describes Spill Management measures to minimise the impact of the design and construction of the Gunns pulp mill.

This Environmental Program forms part of the Bell Bay Alliance (BBA) Construction Environmental Management Plan (CEMP) and must be read in conjunction with the CEMP.

## 2. Objectives

1. Protect water quality
2. Protect biodiversity values.

## 3. Targets

1. Spills contained before significant impact on water quality or flora and fauna is caused.
2. Rapid involvement of government spill response authorities if required.

## 4. Regulatory and Contractual Requirements

Refer to:

- CEMP Appendix B – Environmental Legislation Register
- CEMP Appendix C – Approvals Matrix
- CEMP Appendix D - Environmental Licences Register
- CEMP Appendix F – Environmental Commitments
- CEMP Environmental Obligations Register: GNS-OBL-1000-1400-001.

## 5. Technical Documents

The following background studies, research documents and assessments have been used to identify the key environmental aspects:

Reference	Document Title
<a href="http://www.gunnspulpmill.com.au/iis/">http://www.gunnspulpmill.com.au/iis/</a>	Bell Bay Pulp Mill Draft IIS and Appendices

The following technical documents have been used to assist in identifying appropriate operational controls:

Availability	Document Title
Department of Infrastructure Energy and Resources	Sorell Causeway Bridge and Approaches Spill Response Procedure V2.1 (Millin Environmental Management Services)

## 6. Key Issues

Refer to:

- CEMP Appendix G – Environmental Risk Assessment.

The reference documents and the environmental risk assessment have identified the following issues:

- Spills entering waterways and harming flora and fauna.

## 7. Operational Controls

Environmental outcomes to be achieved include:

- Adequate equipment and procedures to respond to any credible spill events
- In the event of a spill, rapid and coordinated deployment of response personnel and equipment and protection of flora and fauna.

The operational controls for management of spills during design and construction are set out below:

<b>Table</b>	<b>Title</b>
OCO 16.1	Spill Management

The operational controls include requirements and responsibilities for:

- Consultation
- Approval requirements
- Design of permanent works
- Design of temporary works
- Construction activities
- Commissioning and handover.

## 8. Site Environmental Plans

- Refer to SEP Register.

Site Environmental Plans (SEPs) detail practical environmental management measures to be implemented at specific worksites to minimise potential impacts of construction activity on the environment and community. They are designed to provide more site specific detail than is included in the Environmental Program and Operational Control tables.

The information contained in the SEPs is presented in tabular drawing format. This is to make them easy for use by all BBA site personnel, consultants and subcontractors.

The controls set out in the SEPs are drawn from the Environmental Programs.

## 9. Contingency Management

The environmental risk assessment has identified the following circumstances which could occur outside normal operating conditions:

- Spill of a toxic or hazardous substance.

If these circumstances occur, the following contingency measures will be implemented, as appropriate:

- Implement the spill response procedures described in OCO 16.1.

## 10. Evaluating Performance

The Operational Controls, together with the SEPs are used as the basis for evaluating performance.

Refer to:

- CEMP Appendix H – Construction Monitoring Plan.
- CEMP Appendix I – Internal Environmental Audit Schedule.
- CEMP Appendix J – External Environmental Audit Schedule.

Environmental Checklists are used for evaluating performance.

Refer to:

- BBA-CKL-1000-1400-016A Spill Management.

## 11. Reporting

Refer to:

CEMP Appendix K – Environmental Reporting Program.

## 12. Attachments

Not Used.