

## 10 Environmental management

*Chapter 10 provides a summary of the environmental management arrangements and procedures that would be implemented during construction and operation of the Proposal.*

### 10.1 Construction environmental management

A Construction Environmental Management Plan (CEMP) would be developed prior to the commencement of substantial construction of the Proposal. The CEMP provides a centralised mechanism through which all environmental aspects, impacts, risks and obligations relevant to the Proposal would be managed. In addition, it outlines a management framework of procedures and controls for managing the environmental impact of construction.

The CEMP would:

- outline how environmental safeguards and mitigation measures identified in the Environmental Assessment would be incorporated in the Project; and
- document mechanisms for demonstrating compliance with the Statement of Commitments and Conditions of Approval. A summary of the environmental management and mitigation measures to be incorporated in the Project is included in **Chapters 12 to 17** following the discussion of each environmental issue.

The CEMP would also outline objectives and targets for environmental performance. These would be in the form of measurable Key Performance Indicators (KPIs) which would be audited on an annual basis. The KPIs for environmental management would reflect the environmental Key Result Area of *Exceptional Urban and Environmental Outcomes*. The KPIs relating to the Proposal would be developed and included in the CEMP.

The CEMP would be supported by a suite of area specific management plans/protocols prepared to document the management approach to significant risks or aspects of the Project such as air, noise, water quality and heritage. Environmental risk assessments would be undertaken prior to the preparation of the management plans and measures would focus on high-risk issues. The plans would identify the potential impacts of each significant risk/aspect as they relate to the Project area. Specifically, they would outline the physical and management safeguards, mitigation measures, responsibilities and monitoring requirements to be implemented to minimise potential impacts on the environment and the community. In addition, the plans would establish the environmental performance objectives and targets for each issue. The scope and interaction of the documents is illustrated in **Figure 10.1**.

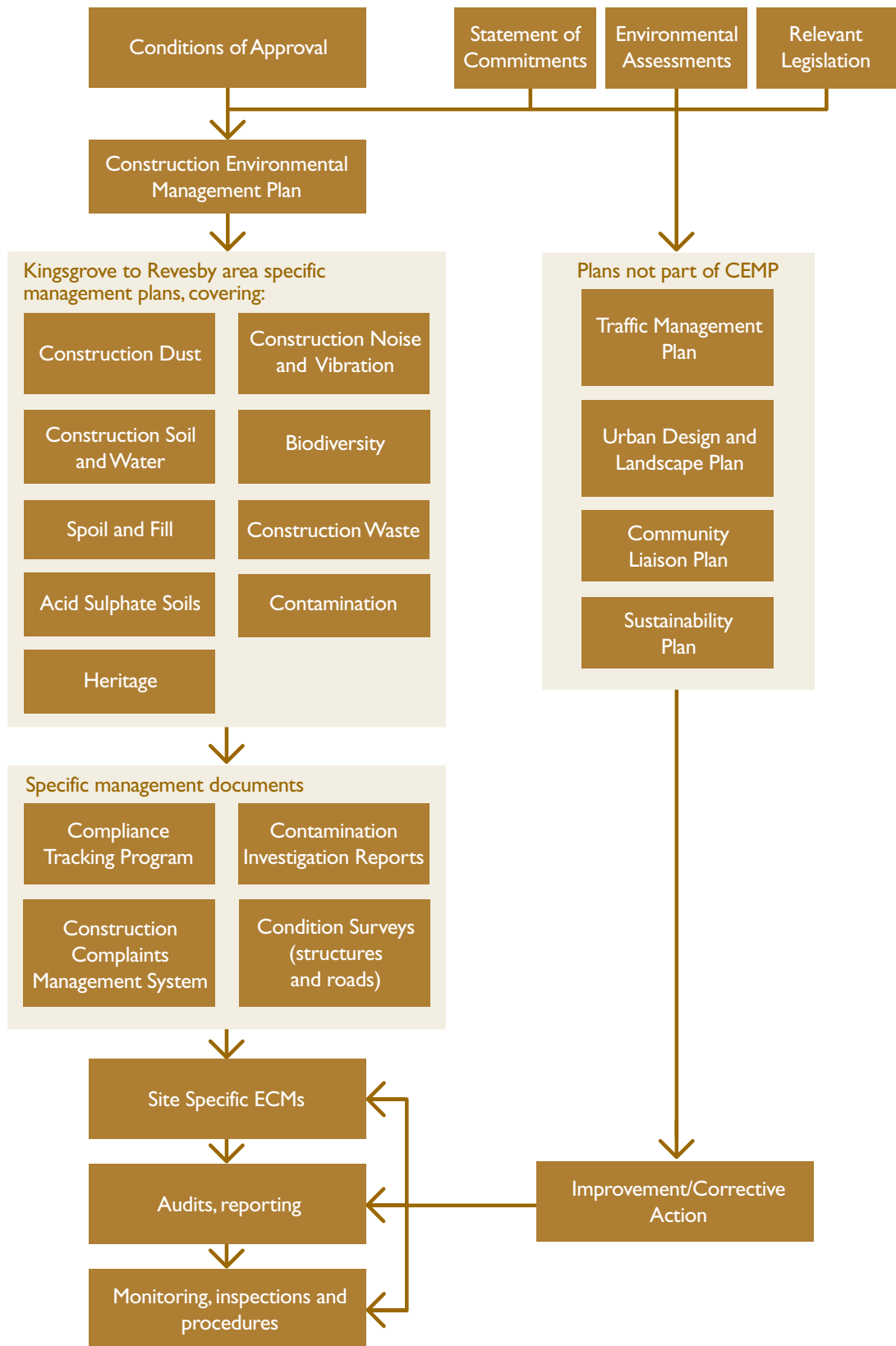


Figure 10.1 Structure of Construction Environmental Management Plans

In addition to the CEMP and area-specific management plans, Environmental Control Maps (ECMs), Environmental Work Procedures, instructions and forms that would be prepared and implemented during the Project to minimise and manage environmental and community impacts and risks. ECMs detail practical environmental management measures and monitoring requirements to be implemented to minimise the potential impacts of construction activity on the environment and community. They are designed to provide site-specific detail and draw from the Management Plans and Protocols and technical assessments.

## **10.2 Operational environmental management**

RailCorp would manage on-going environmental issues associated with operation and maintenance activities through its established environmental management system and standard operational procedures.

Operations on the East Hills Line would be managed in accordance with the RailCorp Environmental Protection Licence 12208 from the Department of Environment and Climate Change.

