

APPENDIX X
SPECIFIC ENVIRONMENTAL MANAGEMENT PLAN FRAMEWORK

Content of SSEMP	
Chapter	Brief Description of each chapter
1. INTRODUCTION & OVERVIEW OF THE SEMP	<p>Brief description of the project; ADB environmental category; When IEE/EIA have been prepared; The main objective of the plan; By whom the SEMP is prepared (construction contractor should be mentioned in this chapter).</p>
2. DEFINITION OF BOUNDARIES	<p>Brief description of project site location; Provide here project site map with construction site boundaries;</p> <p>The decision on how to divide a project can be made based on the following criteria:</p> <ol style="list-style-type: none"> 1. If the construction activities are different 2. If there are variations in the environments (such as a transition from agricultural land to forest or from rural to residential areas). <p>Justification is also needed why this project has been divided in one or more areas for which a single or more SEMP preparation is needed.</p>
2. Access Road(s)	<p>Description of access roads to site should be provided with maps. It also should be mentioned that prior to the construction activities initiation, contractor should conduct the access road's pre-construction survey to assess and record its condition.</p>
3. SENSITIVE RECEPTORS AND ENVIRONMENTAL VALUES	<p>Once the boundaries of a site to be covered by a SEMP have been defined, the sensitive receptors surrounding the site and the environmental values of the area need to be confirmed and accordingly described in this chapter.</p>
4. CONSTRUCTION ACTIVITIES	<p>In this chapter various phases of work for each site should be described. Different phases of work will include different activities and thus different environmental management requirements.</p> <p>For example, construction of a reservoir could have the following schedule of works:</p> <ul style="list-style-type: none"> - Site Clearance, Topsoil Stripping - Site Establishment, Excavation and Materials Transportation - Demolition of Reservoirs - Concrete Pouring Activities - Backfilling and Compaction - Reinstatement

5.	RISK ASSESSMENT	<i>The Risk Assessment Matrix should be included in this chapter. The last column of Risk Assessment Matrix includes brief description of environmental management measures (mitigation measures).</i>
6.	ENVIRONMENTAL MANAGEMENT MEASURES	<i>Environmental Mitigation measures and their implementation should be described in this chapter in more details than in Risk Assessment Matrix.</i>
7.	SITE PLAN	<p><i>The environmental management requirements need to be included in a site plan. This is the final, but vital stage in the preparation of SEMP. A site plan must cover the extent of the construction activity and should contain:</i></p> <ul style="list-style-type: none"> - <i>Indication of North, and scale;</i> - <i>Existing and planned supporting infrastructure (e.g. access roads, water supplies, electricity supplies, etc)</i> - <i>Location of planned work</i> - <i>Contours</i> - <i>Drainage systems</i> - <i>Locations of sensitive receptors</i>
8.	ENVIRONMENTAL MONITORING PLAN	<i>Including all of the required monitoring as per the Project EMP.</i>