

10.0 Introduction to the Environmental Management System

10.1 Environmental Management System

The Environmental Management System (EMS) has been developed by Tembec to adhere to the International Organization for Standardization (ISO) 14001 standard. The EMS was registered to the ISO 14001 standard by the independent auditor Quality Management Institute (QMI) in 2001.

10.2 Organization of the Environmental Management System

The EMS provided in the EIS is the portion that pertains to planning and implementation of forest management activities on FML 01. The Management System Procedures (MSP) that pertains to the management of Tembec's Forest Resource Management, Pine Falls Operations are not contained in the EIS. The EMS contains the following sections:

- Environmental Policy
- Ranking Aspects and Impacts
- Procedures subdivided into;
 - Emergency Response Plan
 - Departmental Operating Procedures
 - Work Instructions

Section 11.0 contains the Tembec Environmental Policy which is a requirement of the ISO 14001 standard and forms the basis for the development of the EMS. The Environmental Policy is accompanied by the Forever Green principles applicable to Tembec's forest management operations.

Section 12.0 describes the process and resultant risk ranking scores used to determine the significance of forest management activities from the planning through to the implementation phase of operations. This process is quite similar to the process used by GeoSpatial International in establishing their impact assessment in tables 1 through 10.

Section 13.0 describes the process utilized to establish Objectives and Targets for the EMS.

Section 14.0 contains the EMS procedures. They are subdivided into three sections containing the Emergency Response Plan (ERP) which describes the preparedness planning and emergency response actions required to minimize hazards to human health, safety and the environment; Departmental Operating Procedures (DOP) which describes the responsibilities and requirements to conduct tasks that primarily involve forest management planning activities; and Work Instructions (WI) applicable to employees and contractors, which are primarily field orientated, directing activities on specific operational activities. In each subsection, procedures are presented in ascending order accompanied by applicable appendices or reference documents.

The numbering format for procedures is as follows:

- Emergency Response Plan - FRM - #####
- Departmental Operating Procedures – WDS - ###
- Work Instructions – WDS - WI - ###

In order to facilitate the training and distribution of WI's to employees and contractors, operational booklets for Timber Harvesting, Timber Hauling, Road Construction, Road Access Decommissioning, Forest Renewal and Service Contractors have been developed. As may be expected, a number of activities are common to one or more of these areas. The Work Instruction section is preceded by the Table of Contents for each booklet followed by all Work Instructions, in numerical order, in order to avoid duplication of WI's in the EMS.

Through the ongoing management and improvement of the EMS, if a procedure is deleted, the remaining procedures are not renumbered to maintain a sequentially numbered series. You may therefore find a missing procedure number as exemplified by WDS-016, which has been incorporated into a Management System Procedure. For this reason, do not assume that the EIS copy under review is missing a procedure unless it has been referred to in the text of the EIS and is subsequently not contained in its respective section.

10.3 Linkages to Local Level Indicators of Sustainable Forest Management

Criteria and Indicators (C&I) of Sustainable Forest Management and the resultant Local Level Indicators (LLI) for FML 01 are described in Sections 1.3.2, 1.3.3 and 2.2.5 of the FSP and have been used as the basis for the organization of the EIA (Section 1.2) conducted by GeoSpatial International. Section 15 of the EIS contains the Tembec 2008 LLI Report used as a reference document for Indicators and Targets referenced throughout the EIS.

10.4 Environmental Management System application to the Environmental Impact Statement

The Environmental Impact Assessment (EIA) of Tembec's forest management activities is contained in Sections 1.0 to 9.0 of the EIS. The assessment process refers to procedures contained in the EMS as one of the means of mitigating impacts identified through the assessment of environmental impacts of the activities proposed in the FSP. As mentioned above, specific procedures can be accessed in Section 14.0.