

Table 5: Impact Implications on Conserving Soil & Water Resources

Forest Management Activity		Physical Environmental Factors					Policy & Protection Forest Factors	
		Geology, Topography & Landforms	Soil Productivity	Soil Stability	Surface Water	Ground Water	Riparian Zones	Planning & Operating Practices & Approvals
Planning	Public Participation						M / *	M / *
	Road & Watercourse Crossing Planning	M		M	M	M	M	M / *
	Harvest & Renewal Planning		M	M	I		M	M / *
	Sustainability Modeling						M / *	M / *
	Information Collection & Application	*	*	*	*		*	M / *
	Access Management							
Infrastructure Development	All-weather Road (Class I & II)	I	N	M	M		M	
	Dry-weather Road (Class III)	I	M	M	M			
	Winter Road (Class IV)		M	M			M	
	Road & ROW Maintenance			*	I / *			
	Permanent Watercourse Crossings	I		M	M		M	
	Temporary Watercourse Crossings			I	I		I	
	Camps, Timber & Fuel Storage Sites	I	M	I	M	M		
	Non-hazardous Construction Waste Decommissioning		*	I / *	I / *		*	
Harvesting	Logging (Felling/Forwarding)			I	M	M	M	
	Slashing & Woody Debris Management		M					
	Timber Storage				I	I		
	Timber Transportation to Mill							
Forest Renewal	Site Preparation / Scarification		M / *	M	M			
	Tree Establishment (Natural & Planting)		*	*	*	*	*	
	Mechanical Stand Tending							
	Chemical Stand Tending		M		M			
Forest Protection	Insect & Disease Control							
	Fire Control			I / *				
Equipment Use	In-block Operations		M	M	M		M	
	Fuel Storage & Handling		I		I	I		
	Non-hazardous & Hazardous Waste		I		I	I		

Note: Forest Land Conversion Component of Forested Landbase from Table 6 represents impact implications for Physical Environmental Factors in terms of Forested Landbase as they apply to Table 5. This component is not repeated in this table, refer to Table 6 and associated textual description.

Physical Environmental Factor for Surface Water from Table 5 also represents impact implications for this component as they apply to Table 6: Global Ecological Cycles, Contribution to Hydrological Cycles.