



BC Timber Sales
ENVIRONMENTAL MANAGEMENT SYSTEM
Significant Environmental Aspects Form
Table 004-1
Business Area: Strait of Georgia

August 2009

FUNCTIONAL AREA	ACTIVITY	ASPECTS	LEGISLATION LINKS
ALL	Refueling/Serviceing	Improper handling and disposal of: Hydrocarbon products	<i>Canadian Environmental Protection Act (federal); Environmental Management Act; Environmental Management Act - Contaminated Sites Regulation; Environmental Management Act - Hazardous Waste Regulation; Environmental Management Act - Spill Reporting Regulation; Environmental Management Act – Waste Discharge Regulation; BC Fire Code / National Fire Code; Transportation of Dangerous Goods Act - Transportation of Dangerous Goods Regulation (federal); Hazardous Products Act (federal) – Controlled Products Regulation; Workers Compensation Act; Workers Compensation Act – Occupational Health & Safety Regulation</i>
	All activities	Uncontrolled: Fire	<i>Wildfire Act / Wildfire Regulation; BC Fire Code / National Fire Code; Environmental Management Act - Open Burning Smoke Control Regulation</i>
	All activities	Improper disposal of: Industrial waste	<i>Canadian Environmental Protection Act (federal); Environmental Management Act; Environmental Management Act - Contaminated Sites Regulation; Environmental Management Act - Hazardous Waste Regulation; Environmental Management Act - Spill Reporting Regulation; Environmental Management Act – Waste Discharge Regulation; BC Fire Code / National Fire Code; Transportation of Dangerous Goods Act - Transportation of Dangerous Goods Regulation (federal); Hazardous Products Act (federal) – Controlled Products Regulation;</i>

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PLANNING	SLP: Planning & Assessments	Negatively Impact: Hydrology characteristics, (quality, quantity & flow) including groundwater	<i>Drinking Water Protection Act - Drinking Water Protection Regulation; Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Water Act; Water Act - Water Regulation</i>
	SLP: Planning & Assessments	Negatively Impact: Natural drainage patterns	<i>Drinking Water Protection Act - Drinking Water Protection Regulation; Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Fisheries Act (federal); Navigable Waters Protection Act (federal)</i>
	SLP: Planning & Assessments	Negatively Impact: Riparian areas	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Fisheries Act (federal)</i>
	SLP: Planning & Assessments	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation</i>
	SLP: Planning & Assessments	Negatively Impact: Habitat (plant, fish, wildlife, insect)	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation; Fisheries Act (federal)</i>
	SLP: Planning & Assessments	Negatively Impact: Soil productivity & stability	<i>Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act</i>

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	SLP: Planning & Assessments	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
	SLP: Road and drainage design & route selection including block layout and mapping	Negatively Impact: Hydrology characteristics, (quality, quantity & flow) including groundwater	<i>Drinking Water Protection Act - Drinking Water Protection Regulation; Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Water Act; Water Act - Water Regulation</i>
	SLP: Road and drainage design & route selection including block layout and mapping	Negatively Impact: Natural drainage patterns	<i>Drinking Water Protection Act - Drinking Water Protection Regulation; Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Fisheries Act (federal); Navigable Waters Protection Act (federal)</i>
	SLP: Road and drainage design & route selection including block layout and mapping	Negatively Impact: Riparian areas	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Fisheries Act (federal)</i>
	SLP: Road and drainage design & route selection including block layout and mapping	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation</i>



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	SLP: Road and drainage design & route selection including block layout and mapping	Negatively Impact: Habitat (plant, fish, wildlife, insect)	<i>Species at Risk Act (federal)</i> <i>Wildlife Act</i> <i>Migratory Birds Convention Act (federal)</i> <i>Forest and Range Practices Act</i> <i>Forest and Range Practices Act – Government Actions Regulation</i> <i>Forest and Range Practices Act - Forest Planning and Practices Regulation</i> <i>Fisheries Act (federal)</i>
	SLP: Road and drainage design & route selection including block layout and mapping	Negatively Impact: Soil productivity & stability	<i>Forest and Range Practices Act - Forest Planning and Practices Regulation;</i> <i>Forest Practices Code of BC Act</i>
	SLP: Road and drainage design & route selection including block layout and mapping	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act;</i> <i>Forest and Range Practices Act - Forest Planning and Practices Regulation;</i> <i>Forest Practices Code of BC Act;</i> <i>Heritage Conservation Act;</i> <i>Fisheries Act (federal)</i>
	SLP: Prescribing treatments	Negatively Impact: Hydrology characteristics, (quality, quantity & flow) including groundwater	<i>Drinking Water Protection Act - Drinking Water Protection Regulation;</i> <i>Forest and Range Practices Act;</i> <i>Forest and Range Practices Act - Forest Planning and Practices Regulation;</i> <i>Forest Practices Code of BC Act;</i> <i>Water Act;</i> <i>Water Act - Water Regulation</i>
	SLP: Prescribing treatments	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act;</i> <i>Forest and Range Practices Act - Forest Planning and Practices Regulation;</i> <i>Forest Practices Code of BC Act;</i> <i>Heritage Conservation Act;</i> <i>Fisheries Act (federal)</i>



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HARVESTING	Construction of trails within blocks	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation</i>
	Deactivation & Rehabilitation of temporary access within blocks	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation</i>
	Ground Based Operations	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation</i>
	Ground Based Operations	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
	Falling and Bucking	Negatively Impact: Riparian areas	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Fisheries Act (federal)</i>
	Falling and Bucking	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation; Fisheries Act (federal)</i>



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	Falling and Bucking	Negatively Impact: Soil productivity & stability	<i>Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act</i>
	Falling and Bucking	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
	Processing and Loading, (includes grinding and chipping)	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
	Yarding	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation; Fisheries Act (federal)</i>
	Yarding	Negatively Impact: Soil productivity & stability	<i>Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act</i>
	Yarding	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
	Operations within marine foreshore	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation; Fisheries Act (federal)</i>

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	Operations within marine foreshore	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
	Pile & Burn Slash and Debris	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation; Fisheries Act (federal)</i>
	Pile & Burn Slash and Debris	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
	Road maintenance (cleaning, grading, sanding, snag falling)	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation; Fisheries Act (federal)</i>
	Road maintenance (cleaning, grading, sanding, snag falling)	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
ROADS	Road Development (RW clearing)	Negatively Impact: Natural drainage patterns	<i>Drinking Water Protection Act - Drinking Water Protection Regulation; Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Fisheries Act (federal); Navigable Waters Protection Act (federal)</i>

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	Road Development (RW clearing)	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation; Fisheries Act (federal)</i>
	Road Development (RW clearing)	Negatively Impact: Soil productivity & stability	<i>Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act</i>
	Road Development (RW clearing)	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
	Major Culvert/Bridge installation	Negatively Impact: Hydrology characteristics, (quality, quantity & flow) including groundwater	<i>Drinking Water Protection Act - Drinking Water Protection Regulation; Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Water Act; Water Act - Water Regulation</i>
	Major Culvert/Bridge installation	Negatively Impact: Natural drainage patterns	<i>Drinking Water Protection Act - Drinking Water Protection Regulation; Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Fisheries Act (federal); Navigable Waters Protection Act (federal)</i>
	Major Culvert/Bridge installation	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation; Fisheries Act (federal)</i>

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	Major Culvert/Bridge installation	Negatively Impact: Soil productivity & stability	<i>Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act</i>
	Major Culvert/Bridge installation, maintenance & repairs	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
	Rehabilitation and Deactivation of Roads	Negatively Impact: Hydrology characteristics, (quality, quantity & flow) including groundwater	<i>Drinking Water Protection Act - Drinking Water Protection Regulation; Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Water Act; Water Act - Water Regulation</i>
	Rehabilitation and Deactivation of Roads	Negatively Impact: Natural drainage patterns	<i>Drinking Water Protection Act - Drinking Water Protection Regulation; Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Fisheries Act (federal); Navigable Waters Protection Act (federal)</i>
	Rehabilitation and Deactivation of Roads	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation; Fisheries Act (federal)</i>
	Rehabilitation and Deactivation of Roads	Negatively Impact: Soil productivity & stability	<i>Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act</i>
	Rehabilitation and Deactivation of Roads	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>

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	Operations within marine foreshore	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation; Fisheries Act (federal)</i>
	Operations within marine foreshore	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
SILVICULTURE	Silviculture treatments (mechanical site prep)	Negatively Impact: Species at risk	<i>Species at Risk Act (federal); Wildlife Act; Migratory Birds Convention Act (federal); Forest and Range Practices Act; Forest and Range Practices Act – Government Actions Regulation; Forest and Range Practices Act - Forest Planning and Practices Regulation; Fisheries Act (federal)</i>
	Silviculture treatments (mechanical site prep)	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
	Planting	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>
	Surveys	Negatively Impact: Cultural and Heritage Values	<i>Forest and Range Practices Act; Forest and Range Practices Act - Forest Planning and Practices Regulation; Forest Practices Code of BC Act; Heritage Conservation Act; Fisheries Act (federal)</i>



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SUMMARY LIST OF SIGNIFICANT ASPECTS

01	<i>Negatively Impact:</i> Hydrology characteristics, (quality, quantity & flow) including groundwater	06	<i>Negatively Impact:</i> Soil productivity & stability
02	<i>Negatively Impact:</i> Natural drainage patterns	07	<i>Negatively Impact:</i> Cultural and Heritage Values
03	<i>Negatively Impact:</i> Riparian areas	08	<i>Improper handling and disposal of:</i> Hydrocarbon products
04	<i>Negatively Impact:</i> Species at risk	09	<i>Improper disposal of:</i> Industrial waste
05	<i>Negatively Impact:</i> Habitat (plant, fish, wildlife, insect)	10	<i>Uncontrolled:</i> Fire