

Appendix 11: Progress report for previous five year sustainable forest management plan (2007-2011). Concerns raised in Environmental Assessment.

AGENCY	ISSUE / CONCERN	Medium Raised	AOP 2009-2010
Department of Environment - Water Resources Management Division	Maintain a minimum 15 m wide undisturbed buffer along the high water mark of the water bodies.	EA Release	All riparian zones meet buffer requirements. All harvested areas fully marked to indicate required buffer limit for no harvest.
	Any work in Protected Public Water Supply Areas (PPWSA) on the Avalon Peninsula such as the construction or decommissioning of roads, domestic and commercial harvesting or silviculture, must be approved by this Division under Section 39 of the Water Resources Act.	EA Release	Any work within PPWSA gets prior approval by this division
Department of Environment - Pollution Prevention Division	All activities associated with the construction and/or operation of this proposal is subject to the EPA and the regulations.	EA Release	All activities are conducted to meet EPA and its regulations
	Waste receptacles shall be installed at all active areas for use by loggers.	EA Release	All contractors ensure waste sites present
	The company shall ensure that all lunch waste and empty oil containers are recovered and disposed of appropriately	EA Release	Conservation officers inspect all contractors and their operations to meet this requirement
	All waste material shall be considered, prior to disposal, for reuse, resale or recycling.	EA Release	Conservation officers inspect all contractors and their operations to meet this requirement
	Waste materials not reused, resold or recycled, shall be disposed at an approved waste disposal site, provided the owner/operator is willing to accept such waste and the local Government Service Centre (GSC) has agreed with the disposal of the waste materials at the site	EA Release	Conservation officers inspect all contractors and their operations to meet this requirement

<p>Schedule E of the regulations prohibits the open burning of tires; plastics; treated lumber; asphalt and asphalt products; drywall; demolition waste; hazardous waste; biomedical waste; domestic waste; trash, garbage, or other waste from commercial, industrial or municipal operations; manure; rubber; tar paper; railway ties; paint and paint products; fuel and lubricant containers; used oil; animal cadavers; hazardous substances; materials disposed of as part of the removal of decontamination of equipment, buildings or other structures</p>	EA Release	Conservation officers inspect all contractors and their operations to meet this requirement
All pesticide purchase, storage, and use is subject to compliance with the Pesticides Control Regulations, 2003.	EA Release	no pesticide application in 2010 and none planned for 2011
The regulations stipulate that an applicator must be licensed for the class of pesticide which is intended to be applied. Also, the regulations stipulate that an operator cannot purchase pesticides without the appropriate license(s).	EA Release	no pesticide application in 2010 and none planned for 2011
If the use of a pesticide(s) is required (eg. for the control of insects, diseases, weeds, vegetation), the Pesticide Control Section of the Department must be notified	EA Release	no pesticide application in 2010 and none planned for 2011
Petroleum storage and handling, associated with construction and operation of this project/facility, shall be in compliance with the Storage and Handling of Gasoline and Associated Products Regulations, 2003, as amended.	EA Release	Conservation officers inspect all contractors and their operations to meet this requirement
All petroleum storage tanks shall be registered with the GSC and all leaks/spills must be reported to the Department.	EA Release	Conservation officers inspect all contractors and their operations to meet this requirement
Oils, greases, diesel, gasoline, hydraulic and transmission fluids should be stored at least 100 m from any body of water	EA Release	Conservation officers inspect all contractors and their operations to meet this requirement
Re-fuelling and maintenance activities should also occur at		

	least 100 m from any body of water and on level terrain.		
	An environmental emergency contingency plan must be developed for all bulk plants, marinas and storage tank systems.	EA Release	Conservation officers inspect all contractors and their operations to meet this requirement
	Waste oils and waste lubricants shall be retained in a tank or closed container, and disposed of by a company licensed for handling and disposing of waste oil products.	EA Release	Conservation officers inspect all contractors and their operations to meet this requirement
	Any use of regulated substances, for example in fire suppression systems, associated with the proposed activity is subject to the Halocarbon Regulations.	EA Release	Conservation officers inspect all contractors and their operations to meet this requirement
Inland Fish and Wildlife Division	The area north of the proposed Ecological reserve which IS scheduled for harvest is an area with a concentration of Boreal Felt Lichen (Erioderm Pedicel/alum). This lichen is listed under provincial and federal endangered species legislation and must not be disturbed. Forestry should work in cooperation with the Wildlife Division to ensure that appropriate mitigation, as recommended in the Management Plan, be employed for forest related activities in this area.	EA Release	The Department continues to work towards a mitigation plan and until such plan is agreed upon the area of concern was a no harvest zone in 2010 and will remain a no harvest zone until mitigation plan approved.
Land Management Division	There are some land use issues in the Central Avalon area with respect to forestry and agriculture activities that may need further discussion.	EA Release	Discussions are ongoing to balance land use on the Avalon
Department of Human Resources & Labour - Policy, Planning & Evaluation	the forests of the Avalon are a source of many values and uses of which employment and economic development is included. The plan provides good information on such areas as the ecosystems and needs to provide more information on the socioeconomic areas.	EA Release	Plan continues to provide for employment in the forest industry and sets aside areas for eco-tourism

Department of Municipal Affairs - Land Use Policy	District 1 Forest Management Plan must recognize that a permit for forestry activity must be obtained from town municipal plans. If forestry activity extends within building control lines of a protected road, a permit must be obtained from Government Service Centre	EA Release	Any activities such as this will receive the proper permitting
Department of Fisheries & Aquaculture - Resource Policy & Development	This project may raise concern from local environmentalists as the forested land south of TCH in the Ocean Pond area has a significant amount of lichen and is considered to be an environmentally significant area.	EA Release	Lichen surveys conducted for each operating area and some operating areas are no harvest zones due to lichen presence.
Women's Policy Office	At a minimum, WPO recommends that the Department be required to include gender equity provisions in job advertisements and tender documents and to consider gender equity in decisions to hire workers, award contracts and allocate forest resources. The Women's Policy Office also requests the Newfoundland and Labrador Forest Services send copies of such advertisements, tender documents and scoring criteria for review and comment.	EA Release	As stated is conducted through the Department hiring process
Transport Canada - Navigable Waters Protection	The proponent is required to submit an application to the Navigable Waters Protection Program for all crossings over water bodies. Each water crossing will be assessed individually to determine the navigability of the waterway.	EA Release	All water crossings will get necessary approval

Fisheries & Oceans Canada - Marine Environment & Habitat Management	<ul style="list-style-type: none"> The proponent has identified the potential for various water crossings in this registration document. With respect to mitigation to prevent impact to fish and fish habitat from forestry activities such as resource road construction, installation of culvert and/or bridges, implementation of appropriate buffer zones adjacent to water bodies, the proponent is advised to contact Mr. Lloyd Slaney, Area Habitat Biologist - Eastern, to submit required Application for Project Review, or alternatively, to receive a Letter of Advice, prior to commencement of work for any and all watercourse crossings. 	EA Release	<ul style="list-style-type: none"> All water crossings will get necessary approval
Environment Canada - Environmental Protection	<ul style="list-style-type: none"> Deleterious substances (e.g. sediment laden runoff, petroleum products etc.) cannot be deposited into water frequented by fish. Drainage from construction and operational drainage must not be harmful to fish. 	EA Release	<ul style="list-style-type: none"> Construction will get all necessary approval and be conducted to meet the environmental protection guidelines as stated in the annual and five year operating plan. All construction projects are monitored.
	No person shall deposit or permit to be deposited oil, oil wastes or any other substance harmful to migratory birds in any waters or any area frequented by migratory birds.	EA Release	All activities inspected to meet this requirement
	No person shall disturb, destroy, or take a nest, egg, nest shelter, eider duck shelter or duck box of a migratory bird.	EA Release	All activities inspected to meet this requirement
	A minimum 30-metre, no-cut, treed buffer will be maintained from the high water mark in waterfowl breeding, moulting and staging areas... identifies by the Canadian Wildlife Service and/or the Wildlife Division." The Avalon Peninsula does not have areas of significant breeding concentrations. However Haricot! Pond is a the most	EA Release	All activities inspected to meet this requirement

<p>significant moulting and staging area for waterfowl and geese on the Avalon Peninsula.</p>		
<p>There should be areas of continuous forest in this age class that provides habitat for species that require old forests with interior habitat. Twenty percent retention on the landscape will do little for maintaining biodiversity if it is distributed in small fragments, with limited ecological function. The document should therefore describe how the 20% will be retained.</p>	EA Release	<p>The current reserves and proposed reserves maintain old growth forest as well the department maintains 20% over the life of the plan. This provides adequate connectivity on the landscape.</p>
<p>the Canadian Wildlife Service also shares the concern of many stakeholder; that being increased access and the resulting potential for excessive exploitation of resources. The Canadian Wildlife Service recommends that roads be decommissioned whenever possible</p>	EA Release	<p>The Department decommissions roads annually. For every length of road constructed the Department decommissions the same length. 2.5 kms decommissioned in 2010</p>
<p>To help reduce any such impacts on migratory birds, the Canadian Wildlife Service recommends that road construction and related vegetation clearing be undertaken outside of the breeding season. If this is not possible, and a nest is found: the nest site and neighbouring vegetation should be left undisturbed until nesting is completed; and construction activities be minimized in the immediate area until nesting is completed.</p>	EA Release	<p>All activities inspected to meet this requirement</p>

CWS recommends that the goals of the Federal Policy on Wetland Conservation (FPWC) policy be considered in wetland areas, and we recommend that that the hierarchical sequence of mitigation alternatives (avoidance, minimization, and as a last resort, compensation) recommended in FPWC is followed.	EA Release	<ul style="list-style-type: none"> All activities inspected to meet this requirement
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Selected stakeholder concerns from the previous planning process and mitigations to address concerns.

#	Concern	Raised by	Addressed through
1.	Loss of naturalness of area, other development after forest operations, possible access for illegal activity	Stakeholders in Planning Team process	Decommissioning roads after cutting and silviculture so that access denied to vehicular traffic and area returned to productive forest. Decommissioning proportional to construction.
2.	Scale of harvest	Stakeholders in Planning Team process	Within maximum sustained harvest in accordance with Forestry Act
3.	Type of harvest in concert with silvics of native species	Stakeholders in Planning Team process	Selection thinning in younger growing stands, modified clearcut in senescent and windthrown stands Range of stand sizes corresponding to disturbance history and stand size distribution.
4.	Proportion of old growth timber on the landscape.	Stakeholders in Planning Team process	Major species (fir) has pathological rotation of 70 years on moderate to good sites. Proportion of 81+ year stands on landscape to not go below 20% of forested covertypes.
5.	Adequate representation of Ecoregions present	Stakeholders in Planning Team process	With exception of Ecoregion V, Ecoregions present have > 12% protection. Ecoregion V has 10% complete protection (in AWR & SNP) and an additional 20% in proposed reserves. Existing and proposed reserves are respected in operating plans.
6.	Domestic cutting, commercial cutting and silviculture in	Stakeholders in Planning Team process	Plans are reviewed by Water Resources Division. All operations in watershed are subject to permits and conditions

	watersheds		approved by WRD and consistent with EPP.
7.	Areas disturbed by insects, wind, fire or cutting may not be regenerating or following natural succession.	Stakeholders in Planning Team process	Recommendations made in relation to herbivory by introduced species. Areas cut which are a part of the landbase and where natural regeneration is impinged are planted to a mix of local species with a maximum of 5% non-invasive introduced species.
8.	Decreasing proportion of hardwoods in covertypes	Stakeholders in Planning Team process	No commercial cutting of hardwoods. Scarification trials to improve hardwood seedbeds. Pre-commercial thinning to favor hardwood species.
9.	Protection of rare species	Stakeholders in Planning Team process Letter from Concerned Citizen	A minimum of 12% of landbase in complete reserve status, and a minimum of 20% in 81 + year condition. Surveys done for pre-harvest plans for commercial cutting areas. Mitigations in accordance with species management plans.
10.	Increase pine on landscape	Stakeholders in Planning Team process	Established white pine gene preservation garden with blister rust treatments. Planting of white pine and red pine in mixtures throughout planting areas.
11.	Concerns with Erioderma lichen in approved operating area	Stakeholders in Planning Team process Letter from Concerned Citizen	Continue to work in co-operation with Wildlife Division to ensure that appropriate mitigation, as recommended in the Boreal Felt Lichen Management Plan, be employed for forest related activity in this area.
12.	Forestry and agriculture land use issues in the Central Avalon	Agriculture comment in EA release	To continue to discuss land use issues with Agriculture I the Central Avalon being mindful of proposed additional reserves and other concerns.
13.	Workforce issues in relation to occupations, numbers, seasonal fluctuations and gender equity	WPO comment in EA release	Forestry Services Headquarters to provide Women's Policy Office with copies of advertisements, tender documents and related information.
14.	Staging area at Harricott Pond in relation to domestic cutting	CWS comment in EA release	Domestic cutting is not permitted from April to October annually. As requested, large, noisy equipment will not be used in domestic cutting there
15.	Location of 81 + on	Stakeholders	Cutting at the level of the AAC

	landscape	in Planning Team process CWS comment in EA	corresponds to approximately 1,000 hectares per year and, due to the natural topography and traditional cutting patterns, disturbance is spread over thousands of stands in the five year period and produces a similar landscape to existing conditions.
16.	(a) Alleged failure to meet guidelines in the Provincial Forest Management Strategy of 2003 (b) the plan is not ecosystem-based planning	Letter from Concerned Citizen Letter from PAA	Plan follows the Forestry Act (Bill 32 of December 2005) which states that a sustainable forest management plan be prepared in accordance with SFM strategy and regulations, and clearly defines forestry activities included in the five year plan. The document of 2003 clearly states that ecological, economic and social parameters form the basis of SFM. Ecological information is considered as input in one aspect of the planning process.
17.	Management objectives not specified for salmon-spawning habitats	Letter from PAA	DFO are Stakeholders in the process. Input from fisheries biologists through DFO, beyond the level of current mapping and information, will be integrated into Annual Work Plans
18.	What are population levels and habitat requirements for species such as Erioderma lichen, song-birds, furbearers and large mammals	Letter from Concerned Citizen Letter from PAA	Input from wildlife biologists through their respective agencies, beyond the level of current mapping and information, will be incorporated into Annual Work Plans. Specific comments, suggestions, and questions have been addressed to Wildlife Division of the Department of Environment & Conservation.

