Title
WATER QUALITY TOOL

Model Forest
Western Newfoundland Model Forest

From	**To**
2004	2005

Keywords
FWQI, Sustainable Forest Management, Water Quality

Objective
To describe the development and application of the Forestry Water Quality Index tool.

Description
The assessment of the impacts of forestry activities on water quality is a critical component of forestry management and planning especially when watersheds are being used for different water used by different stakeholders. Traditional methodologies for assessing these impacts, while accurate, often do not take into account the intended use of water. Water quality data is inherently technical, and are not conducive to communication to all stakeholders especially the public. There is a need for a communications based assessment tool that assesses the impact of forestry activities on water quality from the perspective of different water uses. This paper describes the development and application of such a tool, the Forestry Water Quality Index (FWQI). The FWQI has been developed specifically to capture, evaluate and communicate the impact of Forestry activities on water quality to multiple stakeholders.

Reports and Products
Forestry Water Quality Index: A Planning Tool for the Assessment and Communication of the Impacts of forestry Activities on Water Quality. Tobin, A., Khan A., Khan, H., Moores, L., Taylor, J. 2004. Western Newfoundland Model Forest. WNMF: 6-505-001, 12p.

Special Ambient Water Sampling: Southwest River near Port Blanford. Tobin, A. 2005. Western Newfoundland Model Forest. WNMF: 6-505-002, 12p.