

Introduction

Road maintenance and operation is among the several development activities that have certain contribution for surface water contamination. Its impact on the environment is best studied by looking to the desirability and feasibility of the project. An effective land use planning is also the best way of preventing the pollution of ground water due to a project (road operation and maintenance). As environmental assessment and policy development conserve, restore, develop and manage the conditions of a watershed, developing guidelines and codes of practices that deals with contamination of ground water is the primary step under the Federal Policy and Green Plan,

Roadway systems are a large part of the infrastructure of urban areas across Canada, and require regular repairs and maintenance due to traffic use and climate conditions. This includes:

- Resurfacing operation of road and bridges (porous asphalt for pothole repair).
- Deicing of roadways in cold weather
- Removing debris and sediments from roadways mostly in spring.

As all these tasks are carried out on the surface, they obviously contribution to the quality and quantity of surface water flow. A concern for the quality and