

Ramsey Lake Environmental Concerns - Frobisher Creek

Although Ramsey Lake, one of the largest lakes within an urban municipality and the source of drinking water for over 50,000 residents of the City of Greater Sudbury **no watershed studies have been undertaken** regardless of storm water management design guidelines of the Ontario Ministry of the Environment that state “Urban development without watershed/subwatershed planning is discouraged”.

The city recognizes in the **Official Plan (8)** the need to manage stormwater and to “improve the quality of runoff to streams, rivers, lakes and groundwater” and “ensure the quality of stormwater reaching outlet-receiving lakes and rivers meets provincially accepted criteria”

The two illustrations show the location of the planned reconstruction of Second Avenue in the catchment area leading to **Frobisher Creek** and outlet to Ramsey Lake.

Recent studies have indicated that flow into Ramsey Lake from Frobisher Creek contains the **highest level of phosphors** of any outlet (one measurement contained over 400 millimetres of phosphorus per second flowing into Ramsey Lake from Frobisher Creek).

The rising levels of phosphors in the lake have been cited as the reason for increasing numbers of **blue-green algae** occurrences.

The reconstruction of Second Avenue, increasing the road surface area by **more than three times**, is of concern and according to the City Official Plan: “Until such a time as source water protection plans are developed for an area, known sensitive drinking water resources in the City shall be protected from **incompatible development and site alteration** that could compromise the integrity of the resource. These features currently include: Lake Ramsey”

It is considered that this project in its present form and without adequate treatment processes be considered as “**incompatible development and site alteration**” and would contribute further to the degradation of Lake Ramsey Water Quality.

Our purpose is the same as that of the city “to improve the quality of runoff to streams, rivers, lakes and groundwater”. It is for this reason we are asking for a **Phase Two Order** to review the project to determine what can be proposed to address environmental concerns through development design and treatment.

