

**Manitoba Envirothon 2001
Non-point Source Pollution
Oral Presentation**

Your team will have 2 hours to prepare your presentation. Focus your attention on sections B and C.

You are a resident of the watershed that includes the city of Brandon. The watershed supports both urban and rural residents in a highly diverse setting that includes many land uses (industry, agriculture, ranching, tourism, summer homes, forestry, wetlands, rural residential, business, high density urban, and suburban).

- A) Using the maps and associated materials for Brandon and the surrounding area identify major sources of pollution affecting this watershed.
 - 1 urban point source
 - 1 rural point source
 - 2 urban non-point sources
 - 2 rural non-point sources

- B) Using your examples, choose one rural and one urban **non-point source pollutant**. Explain how each affects the watershed's soil, water (surface and groundwater), wildlife, forests, and people (economics and health).

- C) Develop a realistic plan to address non-point source pollution within the watershed. Identify specific steps that individuals and various agencies could take to monitor, regulate, and reduce non-point source pollution within the watershed. The plan should be economically sound, environmentally sensitive, and socially responsible.

What are the implications of a climate change on your proposed plan?