Research Aims:

- To survey the entire area known as the “Villages des Tanneurs” using structured interviews and mailed surveys.
- To determine the impact of the changes induced by the reconstruction of the Turcot Interchange on the “Villages des Tanneurs”.
- A multidimensional survey approach will be used to extrapolate information concerning: health, sense of community, perceived air quality, local economy and overall life quality issues to incorporate a global perspective of the community.
- There are 400 residences in the area, from which we are targeting 100 structured interviews further complemented by the mailed surveys.
- Data will be compiled and a database will be created from which we will run it through a statistical computer program (potentially using SPSS or R) to perform simple mean and variance testing for significant variations among the survey population.
- These results will then be projected and mapped by using basic GIS interpolation to represent the study area as a whole.

Key results to date:

We are in the process of completing the survey. Our survey was approved by the Concordia Geography and Urban Planning Ethics committee and has been used since January 17th. Concordia students in the Environmental Impact Assessment program have been conducting the survey in three trials. The survey teams have made two door-to-door attempts to reach the homeowner and are now in the process of leaving a mailed version of the survey (postage pre-paid) at the dwelling to attempt to reach the left over residences not previously reached. The data will then be compiled and transformed by project team members where the original data (survey) will be destroyed.

To date, we have 91 completed structured interviews and are in the process of preparing the distribution of the mailed surveys along with the finalization of the door to door interview process (finalized on January 31, 2009). The mailed survey will have a cut-off date of February 9th 2009, from then on the coding and analysis of the data will commence.

*Map of Study area known as the "Village des Tanneurs"*