

Assessment of stormwater concentration data.

Stormwater run-off in Calgary affects the water quality of the Bow River. In order to assess the impact on the Bow River, the City has been monitoring pollutant levels in stormwater over the past several years. Seven pollutants have been monitored in four general land use areas in the city - Developing, Residential, Industrial and Commercial areas. City engineers are interested in modelling the pollutant levels in the different areas and in changes over time. They suggest (based on other work in this field) that a lognormal model would be reasonable. Model parameters will have to be estimated. The data provided are for the years 2001 and 2002.