

Excerpt from the *Applied Research on Source Water Protection Issues in the Aggregate Industry. Phase 1 Findings. Golder and Blackport Study 2006, pg. 7*

Future Land Use, Site Rehabilitation or Uncontrolled Dumping

- Post-extractive use of an aggregate site, in particular infilling with non-inert material presents a significant potential source for groundwater contamination.
- Abandoned or uncontrolled access aggregate sites have the greatest potential for generating contaminants that could be introduced to the groundwater system through historical practices of illegal dumping. Notwithstanding this concern there is limited information in the literature indicating contamination of municipal water supply systems from these types of activities. Future work in Phase II will assess this in more detail.
- The risk or impacts from the loss of attenuation is directly connected to the management of the potential operational contaminants (i.e. petroleum products) and the management of adjacent stormwater runoff or post extractive application of agricultural products.