

Effect of Biodegradation Half Life Period

- Biodegradation of TCE in the PGDP Regional Ground water model is handled using Half Life Period.(26.65 years : 9729.04 days)
- Trials were made with 5 years, 10 years, 15 years, with varying half Life period in two zones and with varying half Life period in Four zones. Varying half life period in different zones are experimented to simulate lesser biodegradation near DNAPL sources.
- Far-field TCE concentrations do not agree with calibrated model/field measurements under “no half-life” scenario.