

GAEA Technologies Ltd.



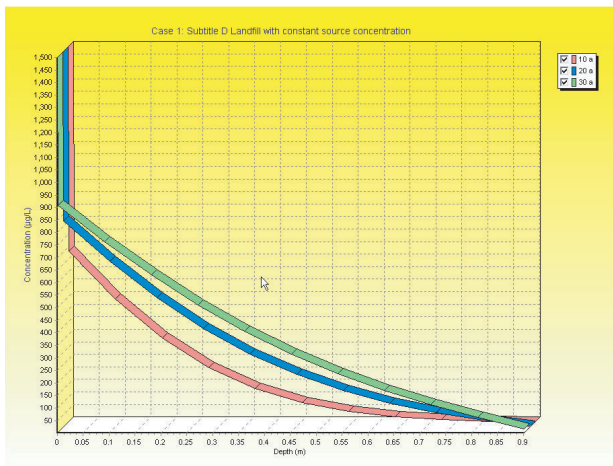
POLLUTEv7

The POLLUTEv7 program provides fast, accurate, and comprehensive contaminant migration analysis capabilities. This program implements a one and a half dimensional solution to the advection-dispersion equation. Unlike finite element and finite difference formulations, POLLUTEv7 does not require a time-marching procedure, and thus involves relatively little computational effort while also avoiding the numerical problems of alternate approaches.

With more than fifteen years utilization in industry, POLLUTEv7 is a well tested contaminant migration analysis program which is widely used in landfill design and remediation. Landfill designs that can be considered range from simple systems on a natural clayey aquitard to composite liners, multiple barriers and multiple aquifers.

The program comes in two editions, Professional and Standard. The Professional edition is best suited for landfill design and the Standard edition is best suited for environmental remediation.

Models are used to represent the subsurface lithology, containment systems, and contaminant source to be studied. These models can be used to study the effects of landfills, buried waste, spills, lagoons, barrier systems, etc. Each study area should be grouped into one or more projects.



In addition to advective-dispersive transport, POLLUTEv7 can consider:

- ★ Linear and non-linear sorption
- ★ An initial concentration profile
- ★ Radioactive and biological decay
- ★ Transport through fractures
- ★ Passive sinks
- ★ Phase changes
- ★ Time-varying properties

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Prices

Professional.....\$1995US
Standard.....\$1495US