**Section 750.482 Engineering Methods for On-Site Actions − Groundwater Controls**

Groundwater pollution is a particularly serious problem because, once an aquifer has been contaminated, the resource cannot usually be cleaned without the expenditure of great time, effort and resources. Techniques that can be applied to the problem with varying degrees of success are as follows:

a) Impermeable barriers:

1) Slurry walls;

2) Grout curtains;

3) Sheet pilings.

b) Permeable treatment beds;

c) Groundwater pumping:

1) Water table adjustment;

2) Plume containment.

d) Leachate control **−** Leachate control systems are applicable to control of surface seeps and seepage of leachate to groundwater. Leachate collection systems consist of a series of drains which intercept the leachate and channel it to a sump, wetwell, treatment system, or appropriate surface discharge point. Technologies applicable to leachate control include the following:

1) Subsurface drains;

2) Drainage ditches;

3) Liners.