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Application Note #D1

An Unusual Approach to recovering DNAPLS

The traditional method for recovery of light DNAPL such as TCE or PERC solvents has been to install recovery wells evenly spaced over the site, install high volume groundwater pump and treat system, and pump the contaminated groundwater for many years.

Xitech would like to suggest the consultant consider installing wells on the site until they find Free DNAPL Product at the bottom of one or more recovery wells. Then install a Xitech DNAPL pump and intermittent controller to recovery the Free Product at a rate which matches the recovery rate of the formation.

We have been told by many consultants that this would be costly and Free Product DNAPL is very difficult to find. Our opinion is that pumping the bleed from a DNAPL source you have not found will never get you to closure.