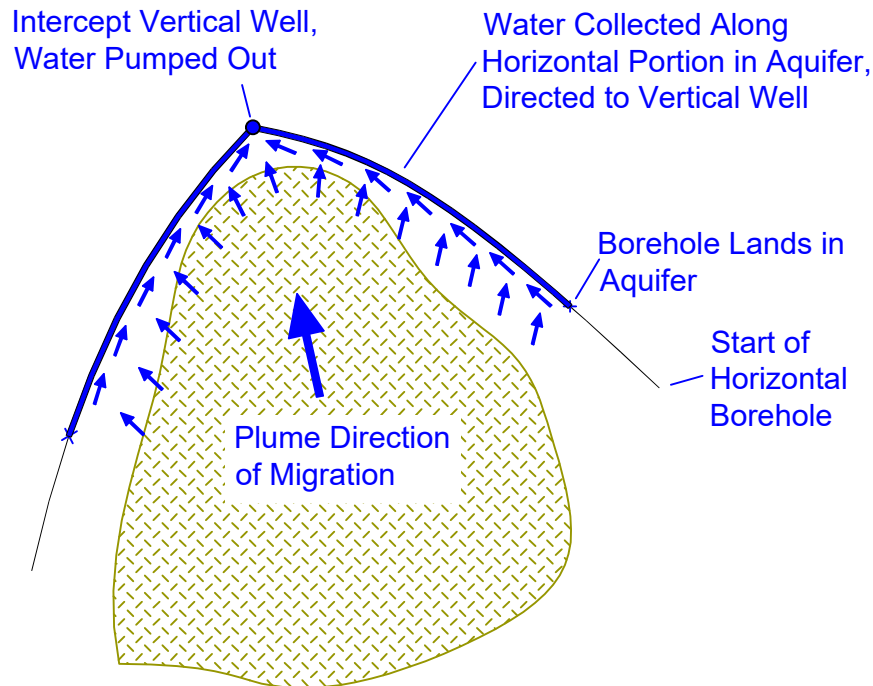


Horizontal Drilling Applications for Plume Control and Mitigation



Horizontal directional drilling provides a unique approach to monitor and control contamination plumes. Rather than installing an array of vertical boreholes and maintaining multiple pumps along the perimeter of the plume, horizontal wells can be drilled to intercept a primary vertical production well. Water is collected in the horizontal portion and directed to the vertical production well.

BENEFITS

- 1) 100% coverage along the perimeter of the plume.
- 2) Fewer pumps to operate and maintain, lowering long-term operational costs.

