h1 = head of upgradient reference point

h1'= head at reference point beneath benthic layer (semi-confined)

h2 = head at average water level in slough (represents groundwater discharge head)

d1 = depth of water column

d2 = depth of benthic layer

w = channel width

dL = groundwater travel distance between upgradient reference point and discharge
location at slough side-wall

dL' = thickness of benthic layer (distance between reference point beneath benthic
layer and interface between the benthic layer and slough channel)

| **URS** | Project No. 51-00070007.00 | FIGURE 7-5
Seepage Model Schematic
Cross-Section |