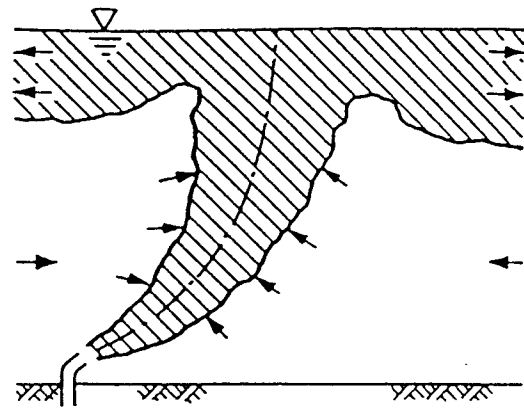
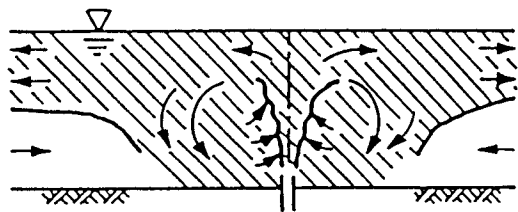


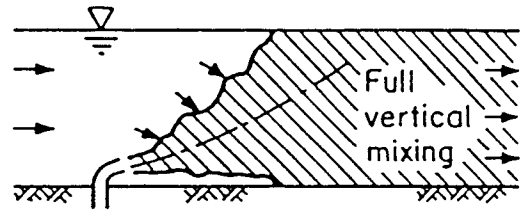
a) Deep Water, High Buoyancy,  
Vertical: Stable Near-Field



c) Deep Water, High Buoyancy,  
Near-Horizontal: Stable Near-Field



b) Shallow Water, Low Buoyancy,  
Vertical: Unstable Near-Field  
with Local Mixing and  
Restratification



d) Shallow Water, Low Buoyancy,  
Near-Horizontal: Unstable Near-Field  
with Full Vertical Mixing

**Figure 2.2:** Examples of near-field stability and instability conditions for submerged discharges in limited water depth