



a) Submerged round jet/plume cross-section
 B = radius
 S = centerline dilution = $\frac{C_0}{C_c}$

b) Submerged plane jet/plume cross-section
 BV = normal width
 BH = lateral width
 S = centerline dilution = $\frac{C_0}{C_c}$

c) Cross-section during buoyant spreading along water surface
 BV = vertical width
 BH = lateral width
 S = average dilution = $\frac{C_0}{C_c}$

d) Cross-section during ambient diffusion process
 BV = vertical width
 BH = lateral width
 S = centerline dilution = $\frac{C_0}{C_c}$

Figure 5.5: Cross-sectional distributions of CORMIX predicted jet/plume sections