

Outlet Control

Length of Pipe/Culvert = 40 m
Slope = 100 mm/m
Tailwater Level = 0 m
Headwater Level = 0.5 m

→ These total for head

Culvert or Pipe = P (P or C)
No. of Cells = 1
Diameter = 0.3 m if entered p
Height = 0.3 m if entered c
Width = 0.3 m if entered c
Mannings n = 0.012
Entrance Loss Ke = 0.5

Area = 0.07 m²
Wetted Area (R) = 0.08 m
hl = 4.50 m

V = 4.17 m/s
Q = 0.295 m³/s
25 ML/day