

A flow net for flow around a single row of sheet piles in a permeable soil layer is shown in Figure . Given that $k_x = k_z = k = 4.2 \times 10^{-3}$ cm/sec. determine :-

- [illegible]

The section through a dam is shown in Figure. Determine the quantity of seepage under the dam. The coefficient of permeability of the foundation soil is 2.5×10^{-5} m/s.

Figure 2.9 is a flow net diagram for a dam cross-section. The diagram shows a dam with a water level of 5.00 m on the left and a downstream water level of 1.40 m on the right. The dam body is hatched. A flow net is drawn with streamlines and equipotential lines. The flow net is divided into 8 vertical columns and 10 horizontal rows. The columns are numbered 1 to 8 from left to right. The rows are numbered 1 to 10 from top to bottom. The flow net is used to calculate the discharge per unit width of the dam.