

EVE 290
Introduction to Environmental Engineering
Fall 2010
Homework #15

Groundwater flows through a 3 m by 3 m (approximate, average dimensions) unconfined aquifer at a superficial velocity of 0.15 m/s. Determine the actual velocity of the water through (a) medium sand, and (b) gravel. Also, determine the volumetric flow rate of the water through the soil.