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Corrigendum

Rate of leachate migration through a defect in a geomembrane underlain by a saturated permeable medium

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REFERENCE: Giroud, J. P., Khire, M. V. & McKelvey, J. A. (1997). Rate of leachate migration through a defect in a geomembrane underlain by a saturated permeable medium. *Geosynthetics International*, **4**, Nos. 3–4, 323–334.

The last two lines of Example 1, page 332, are incorrect. They should be as follows:

The value of Q_o should then be calculated using Equation 9 as follows:

$$Q_o = (0.6)(1 \times 10^{-4})\sqrt{(2)(9.81)(50 \times 10^{-3})(1.00)}$$

$$= 5.943 \times 10^{-5}\ \mathrm{m^3/s} = 5.135\ \mathrm{m^3/day} = 5135\ \mathrm{liters/day}$$

Hence:

$$Q = (0.811)\left(5.943 \times 10^{-5}\ \mathrm{m^3/s}\right) = 4.820 \times 10^{-5}\ \mathrm{m^3/s}$$

$$= 4.164\ \mathrm{m^3/day} = 4164\ \mathrm{liters/day}$$

The last two lines of Example 2, page 333, are incorrect. They should be as follows:

The value of Q_o should then be calculated using Equation 9 as follows:

$$Q_o = (0.6)(1 \times 10^{-4})\sqrt{(2)(9.81)(50 \times 10^{-3})(1.00)}$$

$$= 5.943 \times 10^{-5}\ \mathrm{m^3/s} = 5.135\ \mathrm{m^3/day} = 5135\ \mathrm{liters/day}$$

Hence:

$$Q = (0.389)\left(5.943 \times 10^{-5}\ \mathrm{m^3/s}\right) = 2.312 \times 10^{-5}\ \mathrm{m^3/s}$$

$$= 1.997\ \mathrm{m^3/day} = 1997\ \mathrm{liters/day}$$

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