EXHIBIT B

Table 5-56. Typical values of saturated hydraulic conductivity for soils (Coduto, 1999).

Soil Description	Hydraulic Conductivity k	
	(cm s)	(ft s)
Clean gravel	$1 - 100$	$3 \times 10^{-2} - 3$
Sand-gravel mixtures	$10^{-2} - 10$	$3 \times 10^{-4} - 0.3$
Clean coarse sand	$10^{-2} - 1$	$3 \times 10^{-4} - 3 \times 10^{-2}$
Fine sand	$10^{-3} - 10^{-1}$	$3 \times 10^{-5} - 3 \times 10^{-3}$
Silty sand	$10^{-3} - 10^{-2}$	$3 \times 10^{-5} - 3 \times 10^{-4}$
Clayey sand	$10^{-4} - 10^{-2}$	$3 \times 10^{-6} - 3 \times 10^{-4}$
Silt	$10^{-8} - 10^{-3}$	$3 \times 10^{-10} - 3 \times 10^{-5}$
Clay	$10^{-10} - 10^{-6}$	$3 \times 10^{-12} - 3 \times 10^{-8}$

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OUR PONDS ARE UN-LINED, BUT CONTAIN
AN EFFLUENT COMPRISED of CLAY AND
SAND WASHED FROM OUR SAND SCREWS.

USE $k = 3 \times 10^{-6}$ ft/second Hydraulic CONDUCTIVITY.

$$\frac{3 \times 10^{-6}}{} \left| \frac{ft}{second} \right| \frac{12 \, in}{1 \, ft} \left| \frac{60 \, s/c}{1 \, min} \right| \frac{60 \, min}{1 \, hr} \left| \frac{24 \, hr}{1 \, DAY} \right| = \underline{3 \, in/DA}$$

TO BE CONSERVATIVE, ASSUME **2 IN/DAY.**