

**EVE 486
Public Health**

HW#7

Due: Friday, 25 October, 2019

1. Are we in danger of running out of potable water? Answer this question quantitatively, considering global supplies and total usage.
2. Which category of diseases related to water supplies are you most susceptible to? Why?
3. Compare and contrast groundwater contamination to surface water contamination. Focus on sources and health impacts.
4. The American Society of Civil Engineers estimates that America's drinking water systems face annual shortfalls in the billions to replace aging facilities that are near the end of their useful lives and to comply with existing and future federal water regulations. More information regarding our drinking water infrastructure report card can be found at: <http://www.infrastructurereportcard.org>

Comment on the findings, including other sources that support/refute the ASCE report.

5. Comment on Orange County, California's Groundwater Replenishment System, for which you can find information at: <http://www.ocwd.com/gwrs/>