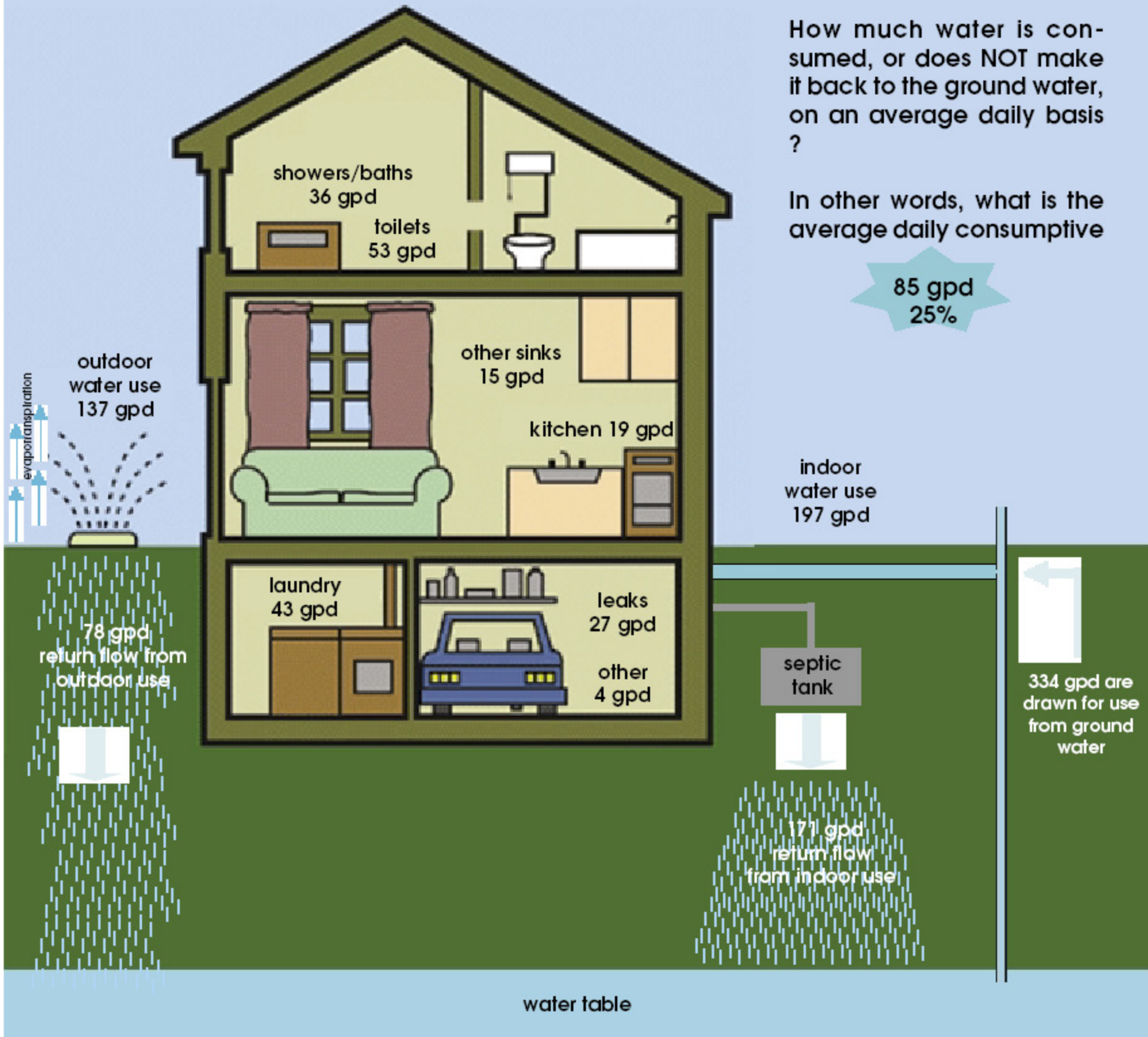


FIGURE 1: EXEMPT WELL CONSUMPTIVE WATER USE

Assuming:

- 334¹ gallons per day (gpd) of water are used by each household on average over the year
- 59% of this water is indoor use and 41% is outdoor use²
- 13% of indoor water use and 43% of outdoor water use is consumptive, or does not infiltrate back into the ground water³ due to evaporation and transpiration.



The figure above illustrates approximately how much water is actually consumed (i.e. does not make it back to groundwater after use) by households that draw water from exempt wells and return water through a septic system and drainfield.

¹ Chehalis Basin Watershed Level 1 Technical Assessment (an average of the amounts identified for WRAs 22 and 23)

² *Nature of Residential Water Use and Effectiveness of Conservation Programs*, James P. Heaney, William DeOreo, Peter Mayer, Paul Lander, Jeff Harpring, Laurel Stadjuhar, Beorn Courtney, and Lynn Buhlig (Figures for Eugene, Oregon)

³ Solly, W. B., Pierce, R.R. and Perlman, H.A. 1993. Estimated Use of Water in the United States in 1990: U.S. Geological Survey Circular 1081.