



Base information from U.S. Geological Survey digital data, 1:100,000
 Albers Equal-Area projection
 Standard Parallels 29°30' and 45°30', central meridian -96°

Figure 6–4. About 5 percent of water samples from private wells contained nitrate concentrations that equaled or exceeded the U.S. Environmental Protection Agency’s Maximum Contaminant Level (MCL) of 10 milligrams per liter as nitrogen for drinking water (U.S. Environmental Protection Agency, 2009). A much larger percentage of water samples from private wells contained nitrate greater than 4 milligrams per liter as nitrogen, which is considered the natural background concentration for the High Plains aquifer.