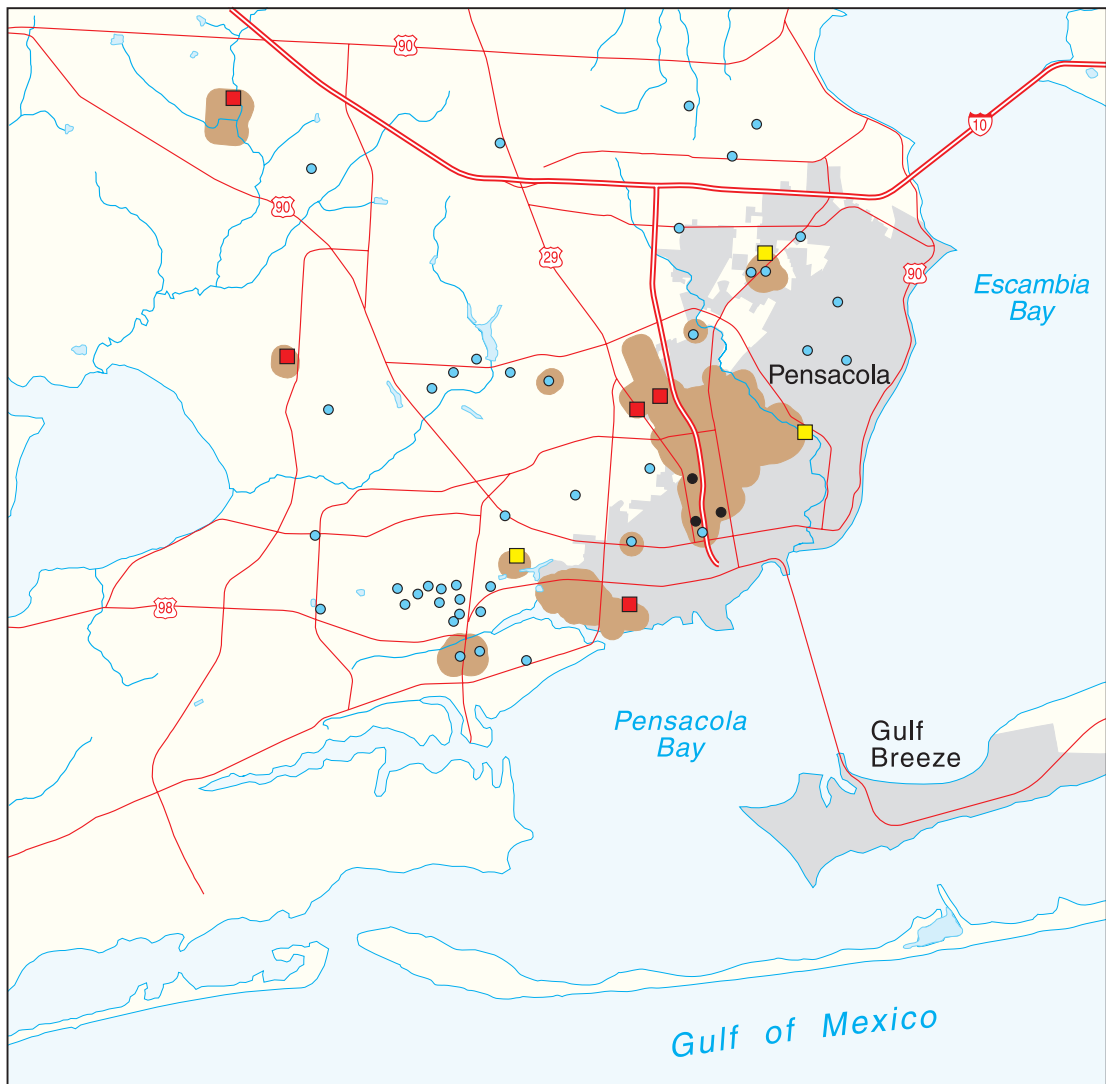




The sand and gravel aquifer is highly susceptible to contamination from land use practices. In the Pensacola area, poor waste management practices and spills have resulted in substantial contamination of the aquifer (**Figure 2.6**). Numerous delineated ground water contamination plumes exist in downtown Pensacola. Two of the more notorious plumes are the Agrico Chemical Superfund site and Escambia Wood Treating Company Superfund site (Paulic, 1999). Ground water contamination has become extensive enough to impact water supply wells used by the Escambia County Utility Authority (ECUA). In June 1986, ECUA stopped the operation of 5 of its downtown Pensacola municipal supply wells because of



- Drinking water well
- Abandoned water well
- Statefund hazardous waste site
- Superfund hazardous waste site
- Areas of known ground water contamination

0 2 4 Mi.

*Figure 2.6: Proximity of Delineated Ground Water Contamination Areas to Public Water Supply Wells in Downtown Pensacola*