Appendix 3. Additional Information on the Approach of this Assessment

The following maps show the locations of wells sampled in aquifer studies (fig. 33) and of domestic wells (fig. 34) and public wells (fig. 35) sampled for this national assessment of VOCs. The VOC occurrence information from these wells came from three sources: (1) the NAWQA Program that sampled aquifers throughout the United States from 1993 to 2002; (2) local, State, and Federal agencies that sampled aquifers in various parts of the United States from 1985 to 1997 (referred to as retrospective data); and (3) a collaborative study by several entities including the USGS, that sampled ground waters used by community water systems throughout the United States from 1999 to 2000.

Various criteria were used to select wells for inclusion in this assessment including: study type, number of wells in the study, intended purpose of the sample, minimum number of compounds analyzed in each well sample, analytical method, laboratory reporting levels, and minimum distance between wells. Additional information on the sources of the data and the procedures used to select wells can be found elsewhere.[19]

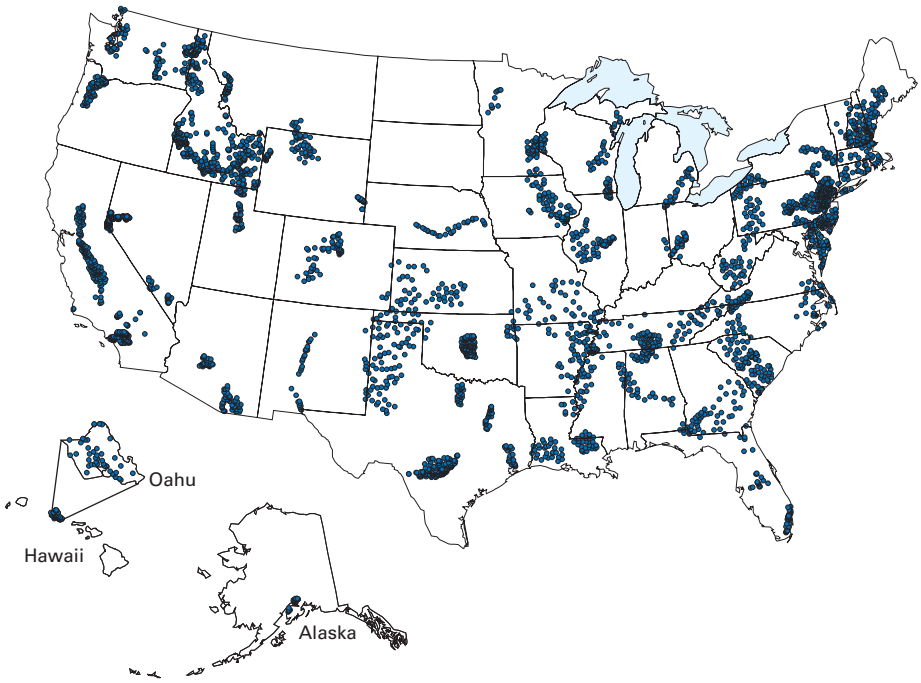

Figure 33. Locations of wells sampled in aquifer studies for the national assessment of VOCs.

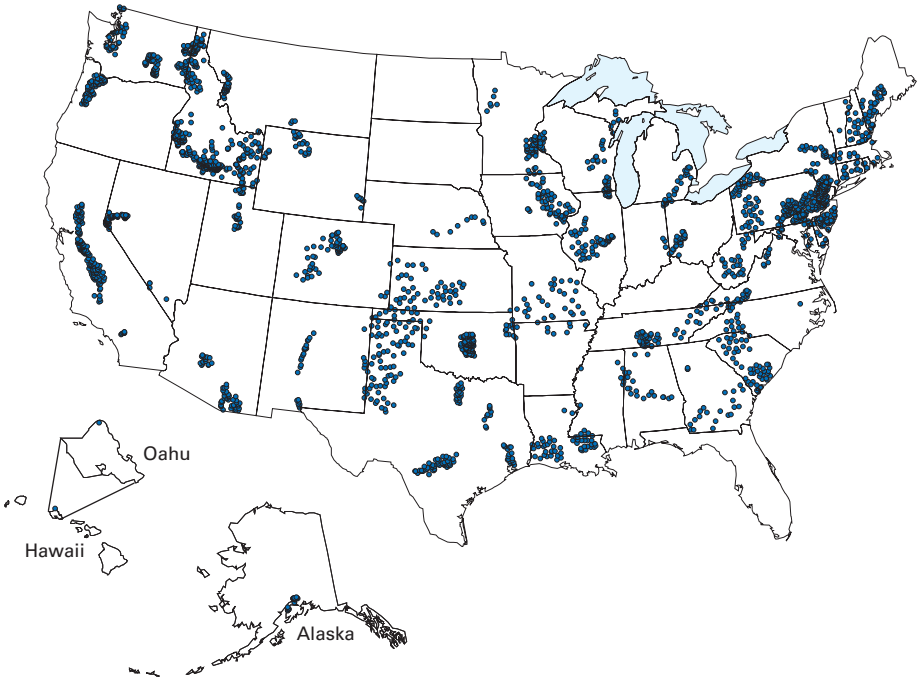

Figure 34. Locations of domestic wells sampled for the national assessment of VOCs.

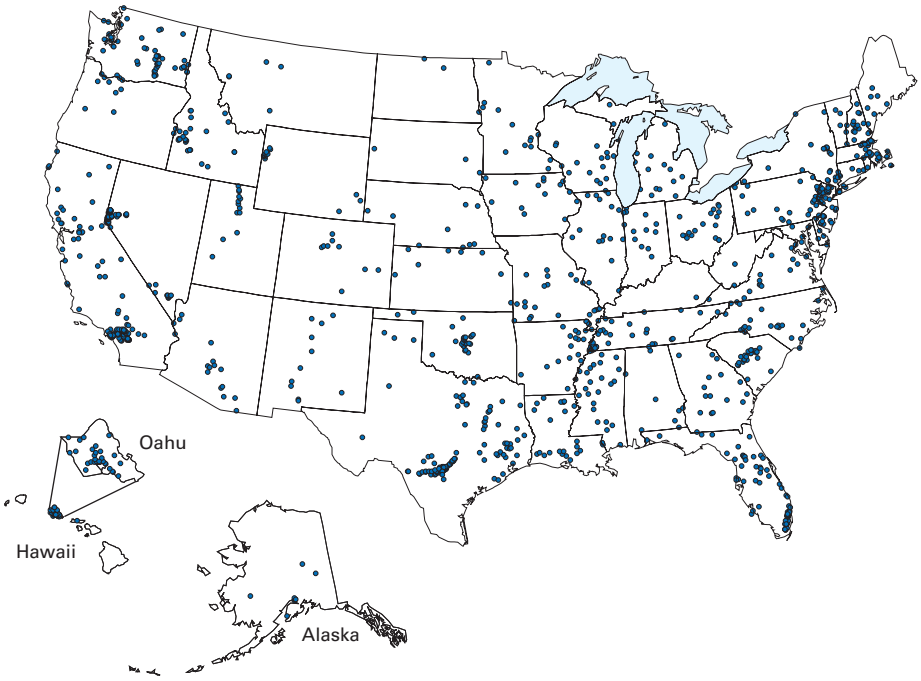

Figure 35. Locations of public wells sampled for the national assessment of VOCs.