



Potential Liquefaction and/or Dynamic Settlement Hazard Area

Pierce County Code Title 18E regulates activities within Seismic Hazard Areas.

Note:
 Liquefaction hazard areas are areas underlain by unconsolidated sandy or silt soils and a shallow groundwater table capable of liquefying in response to earthquake shaking.
 Dynamic settlement hazard areas are areas underlain by a significant thickness of loose or soft soil not susceptible to liquefaction, but that could result in vertical settlement of the ground surface in response to earthquake shaking.

Sources:
 1) Digital data: Washington Department of Natural Resources (DNR), Division of Geology and Earth Resources 1:100,000 Geology.
 2) Liquefaction Hazard Ranking by S.P. Palmer, Ph.D., L.E.G., based on Youd and Hoose (1977) and Youd and Perkins (1978).

The boundaries of seismic hazard areas are approximate and are intended only to provide an indication of the presence of said areas. Additional seismic hazard areas that have not been mapped may be present.

Pierce County, Washington

- Federal Boundary
- State or Federal Route



Dept. of Planning & Land Services
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Seismic Hazard Areas