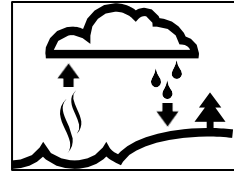




# Comprehensive Plan 2045



## 2.8 NATURAL GROUNDWATER AQUIFER RECHARGE

**Goal: Provide for the recharge of the Sand-and-Gravel Aquifer from rainfall.**

Note: The Floridan Aquifer is the primary source of the potable water supply in Okaloosa County but is not recharged within the county. The Sand and Gravel Aquifer is not utilized as a primary source for potable water supply in Okaloosa County

**Objective 1** *The function of natural groundwater recharge to the Sand-and-Gravel Aquifer shall be protected through the regulation of land uses and provision of adequate open space.*

**Policy 1.1** The County shall include regulations that insure the continuation of adequate open spaces within the County so that rainfall may reach the sand and gravel aquifer through percolation.

**Policy 1.2** The County shall include wellhead protection area regulations for public supply wells with a permitted capacity of 100,000 gpd or more. The established wellhead protection area shall be a 500' radius around the public supply wellhead. Consistent with Florida Department of Protection (FDEP) Rule 62.521.200, F.A.C., land uses or activities prohibited within the wellhead protection area are: landfills; facilities for the bulk storage, handling or processing of materials on the Florida Substance List (Chapter 442, F.S.); activities that require the storage, use, handling, production or transportation of restricted substances - agricultural chemicals, petroleum products, hazardous/toxic wastes, industrial chemicals, medical wastes, and the like; feedlots or other concentrated animal facilities; wastewater treatment plants, percolation ponds, and similar facilities; mines; and excavation of waterways or drainage facilities which intersect the water table.