

Forty-four percent of the American population depends on groundwater for its drinking water supply and certain regions and municipalities are even more dependent on this valuable resource. For example many cities and unincorporated areas of northern California such as Sonoma County are highly dependent on groundwater. As surface water resources such as rivers become more regulated to protect fisheries and other habitat, we will become more dependent on groundwater. So, as this resource becomes more valuable and more stressed, State and local regulators have taken actions to protect this resource from overuse as well as from contamination.

EGS is actively involved in groundwater resources from both protection, and development aspects. With regard to groundwater use and development, we conduct evaluations of properties in marginal Water Availability Zones to comply with Sonoma County Permit and Resources Management Department Use Permit Conditions in accordance with General Plan Policy WR-2e. This policy requires the certification of the availability of sufficient groundwater and evaluation of impacts on nearby groundwater supply wells when a property is subdivided, or new or expanded development is proposed. EGS conducts these Groundwater Resource and Impact Evaluations in accordance with Sonoma County General Plan Policy WR-2e and the project specific permitting conditions. We also offer consultation and evaluation for well siting, permitting of community wells to comply with California DWR water quality standards, and we offer sampling and monitoring services for regulatory compliance.