Piko Assessments Fri Mar 29 04:20:34 HST 2024

Name	Groundwater Recharge and Availability in the Pearl Harbor Aquifer, Oahu, Hawaii
Lead Agencies	USGS Pacific Islands Water Science Center
Contacts	Delwyn Oki, dsoki@usgs.gov
Partnering Agencies	Honolulu Board of Water Supply
Types	- Needs And Capabilities - Needs - Capacity
Area of Applicability	- Regional/Local or Problem-focused
Focus Area	- Fresh Water Resources and Drought
Regions	- Central North Pacific - State Of Hawaii
Status	- Ongoing
Description	The overall objective of this study is to develop a tool that can be used to (1) effectively manage ground-water pumping from the Pearl Harbor aquifer and (2) develop long-range plans for future development of resources in the Pearl Harbor aquifer as well as planning for alternate sources of fresh water. The tool will be in the form of a three-dimensional numerical ground-water model capable of simulating the distribution of salinity in the aquifer and the response of the freshwater lens to user-specified pumping conditions.
Url	Project web page in development.