



Piko Assessments Tue Jan 16 18:58:35 HST 2018

<b>Name</b>	Groundwater Recharge and Availability in the Pearl Harbor Aquifer, Oahu, Hawaii
<b>Lead Agencies</b>	USGS Pacific Islands Water Science Center
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<b>Partnering Agencies</b>	Honolulu Board of Water Supply
<b>Types</b>	<ul style="list-style-type: none"> <li>- Needs And Capabilities</li> <li>- Needs</li> <li>- Capacity</li> </ul>
<b>Area of Applicability</b>	- Regional/Local or Problem-focused
<b>Focus Area</b>	- Fresh Water Resources and Drought
<b>Regions</b>	<ul style="list-style-type: none"> <li>- Central North Pacific</li> <li>- State Of Hawaii</li> </ul>
<b>Status</b>	- Ongoing
<b>Description</b>	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.
<b>Url</b>	Project web page in development.