

Project Name

Kailua 272 Reservoir Environmental Impact Statement, Kailua, Oahu, Hawaii

Client / Owner

City & County of Honolulu, Board of Water Supply

Year Completed

Project Description & Firm's Responsibility

The Board of Water Supply proposes to construct a 4.0 million gallon reservoir on Puu O Ehu Ridge, which overlooks Kailua Town. The new reservoir will replace four existing reservoirs and will alleviate a shortfall in storage capacity in the area..

Work included the preparation of an Environmental Impact Statement to address the construction of the water storage facility. Major elements of the project included a 4.0 million gallon reinforced concrete reservoir, paved access road, transmission piping, drainage system, electrical instrument building, landscaping, and security fencing.

Major impacts were short-term and related to construction activities, such as noise, dust, and vibration effects to nearby residential structures from blasting. A major long-term impact was the aesthetic impact of the reservoir.

