

Project Name

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

Client / Owner

City & County of Honolulu, Board of Water Supply

Year Completed

N/A

Project Description & Firm's Responsibility

The Board of Water Supply proposes to construct a 4.0 million gallon reservoir on Kalae O Kaiwa Ridge, which is approximately 850 feet south of two other reservoirs. A 4.0 million gallon reservoir was previously planned on Puu O Ehu Ridge, and an environmental impact statement was prepared and accepted. However, community opposition to the site resulted in reconsideration of an alternative location.

A supplemental Environmental Impact Statement (EIS) was prepared to address construction of the project at the new location on Kalae O Kaiwa Ridge since this location was not addressed in the previous EIS. Major elements of the project include construction of a 4.0 million gallon reinforced concrete reservoir, paved access road, perimeter road, transmission piping, landscaping, drainage system, electrical instrument building, and security fencing. A separate construction access road will also be built to facilitate transport of materials to the project site.

Major impacts were short-term and related to construction activities, such as noise, dust, and traffic attributable to construction vehicles and equipment. A major long-term impact was the aesthetics of the proposed reservoir.

