

Project Name

Whitmore Village Wastewater Treatment Plant, Wahiawa, Oahu, Hawaii

Client / Owner

City & County of Honolulu, Department of Design and Construction

Year Completed

N/A

Project Description & Firm's Responsibility

The Whitmore Village Wastewater Treatment Plant was taken out of service in 1994. The City and County of Honolulu would like to convert this abandoned plant to a temporary flow equalization and detention facility during periods of high stormwater infiltration/inflow. The existing aeration and sedimentation basins will provide storage, while the existing sewer lines will provide diversion.

Engineering services included the preparation of a preliminary engineering report which discussed the feasibility of conversion to an equalization basin. Also investigated was the feasibility of converting a portion of the wastewater treatment plant to a septage handling facility.

Work included the preparation of an environmental assessment; the necessary permits and clearances required for construction were also identified.

