



US Army Corps
of Engineers

Civil Works Projects & Studies



Salvinia molesta - Lake Wilson Information Page



Close up of *Salvinia molesta* at Lake Wilson

Welcome to the U.S. Army Corps of Engineers, Honolulu District's webpage on *Salvinia molesta*. This page was developed to provide access to the many documents, presentations, and tools made available from the Engineer Research and Development Center Environmental Laboratory during technical assistance on the *Salvinia molesta* infestation problems at Lake Wilson reservoir and Kawai Nui Marsh.

Background Information

- Literature Search
- Biology and Ecology of Giant Salvinia



Panoramic view of *Salvinia molesta* at Lake Wilson

Management Methods

- Chemical Management of Giant Salvinia
- Herbicide Evaluation Against Giant Salvinia
- Insect Bio-control for the Management of Salvinia
- Mechanical Control



Amphibious excavator removing *Salvinia molesta* at Lake Wilson near the dam site.



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Sample Action Plans



- Status Report and Action Plan - April 2002
- Status Report and Action Plan - March 1999
- New Zealand Management Plan - 1986

Program Information

Under the Civil Works mission, the Corps is authorized to assist with ecosystem restoration, watershed planning, and aquatic plant control.

- Section 206, 1996 WRDA (PL 104-303), Aquatic Ecosystem Restoration, as amended, provides for aquatic ecosystem restoration and protection if the project will improve the quality of the environment. Does not have to be associated with a previous/existing Corps project. Project cost-shared at 35% non-federal and 65% Federal.
- Section 1135, WRDA 1986 (PL 99-662), Environmental Restoration, as amended, provides for modifying the structure or operation of a Corps project to restore fish and wildlife habitat. The project must result in implementation or change to existing conditions, not in a report or study, and the project benefits must be associated primarily with restoring historic fish and wildlife resources. Project cost-shared at 25% non-federal and 75% Federal.
- Section 22, 1974 WRDA, Planning Assistance To States, provides authority for the Corps of Engineers to assist the states, local governments, and other non-federal entities in the preparation of comprehensive plans for the development, utilization, and conservation of water and related land resources. Cannot be use for construction plans and specifications or for construction. Study cost-shared at 50% non-federal and 50% Federal.
- Aquatic Plant Control Research Program (APCRP) provides effective, economical, and environmentally compatible techniques for identifying, assessing, and managing invasive aquatic plant problems. Currently, only research and development available.

Interactive Information Systems



- Aquatic Plant Information System (APIS)



- Noxious and Nuisance Plant Management Information System (PMIS)



- Ecosystem Management and Restoration Information System (EMRIS)