

## **JOB DESCRIPTION**

Job/Position Title: Watershed Field Technician II /Hawaiian Resource Specialist

Department: Pu`u Kukui Watershed

Reports to: Pu`u Kukui Watershed Supervisor and/Manager

Supervises: 0 - 2 Watershed Field Technician I (Daily);  
0 - 30 Field Labor and/or Volunteers (Occasionally)

Annual Budget: 0

Decision Level: Recommends

PRIMARY PURPOSE: The Watershed Field Technician II/Hawaiian Resource Specialist is responsible for preservation, conservation and maintenance of plantation watershed capacities and natural resources. This is accomplished by involvement in programs of feral ungulate control, weed control, small mammal & invertebrate control, public (e.g. hunter) awareness & access, public outreach, native planting, research, monitoring, grant writing and grant deliverable implementation. The Watershed Field Technician II/Hawaiian Resource Specialist prepares for and completes overnight field trips to accomplish work goals set by the Watershed Supervisor/Manager throughout the year in accordance with the Watershed Management Plan. The Watershed Field Technician II/ Hawaiian resource specialist works closely with the Watershed Manager/Supervisor and/or other Watershed Field Technician(s) to implement planned programs designed to protect the natural diversity of native flora and fauna within the Pu`u Kukui Watershed, ma kai conservation areas inclusive of mesic forest, riparian and lo`i areas to the shoreline.

### ESSENTIAL DUTIES/FUNCTIONS:

1. Carry out day-to-day alien animal and weed control tasks.

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2. Gather, record and computer-input reliable field data to support watershed monitoring and research.
3. Construct and maintain fences.
4. Maintain watershed roads and trails.
5. Maintain watershed equipment, facilities, and communication systems.
6. Develops and implements the cultivation of native species in the mesic, riparian and valley floor. Inclusive of taro cultivation.
7. Install and maintain snare, trap and/or bait lines.
8. Install and monitor vegetation transect lines.
9. Conduct community outreach in both Hawaiian and English of ahupua'a resource management.
10. Protects and propagates rare and native plants with potentials in restoration ecology.
11. Complete all tasks assigned by department supervisor and/or Watershed Field Technician III regarding watershed management programs to ensure the long-range biological integrity of the Watershed and its continuing capacity to produce clean, fresh water for agricultural, commercial and public use.
12. Account for receipts of goods and services to provide accurate and current information of job costs for department budget administration. Provide accurate and current reports of work performed on a regular basis (daily, weekly, bi-weekly or monthly).

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OTHER DUTIES/FUNCTIONS:

1. Coordinate schedule with department supervisor and/or Watershed Field Technician III on a daily basis and communicate work progress in the field and at baseyard with the department supervisor, government agencies, other outside contractors and volunteers, including; The Nature Conservancy of Hawaii, Hawaii Division of Forestry and Wildlife, West Maui Mountains Watershed Partnership, Kamehameha Schools, Punana leo, Kula Kaiapuni o Maui, etc.
2. Communicate with and inform the department supervisor and/or Watershed Field Technician III of the need to make purchase requisitions for materials, supplies, equipment or services required, including; chartering helicopter time for remote field operations, etc.
3. Prepare progress reports for the department supervisor and/Manager.
4. May conduct and assist in coordinating ecological tour hikes.
5. Complete other tasks related to department and company operations as requested by the department supervisor or division manager.

WORKING CONDITIONS: Works outdoors in wet, windy, chilly, humid and sometimes hot conditions. Must be able to work and camp in rugged wilderness areas for up to five days and four nights at a time, and to travel by foot and/or helicopter in and out of remote camp locations.

Equipment Use: Drives a four-wheel drive pick-up truck on remote unpaved roads and on highways. Operate chain saws, portable gas powered drills, gas powered hedge trimmers, gas-powered staple guns, machetes, rock drills, fence post pounders, hammers, fence pliers, altimeter, topographic maps, GPS and 2-way radio.

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Work Hours: Full-time. Overtime and weekend work, as required.

MENTAL DEMANDS: Must have good mathematical ability to make estimates of materials needed and for monitoring measuring devices. Must be continuously alert while out in the wilderness to prevent accidents that could cause injury or death.

PHYSICAL DEMANDS: Must have good eye-hand-foot coordination and physical conditioning for walking on wilderness trails, looking out for branches and poor footing areas. Requires frequent standing and walking, climbing or balancing, stooping, kneeling, crouching, reaching and handling. Must have good vision, depth perception and color vision to be able to identify various weeds and plants and for monitoring vegetation plots. Must be able to lift and carry 60 pounds and hike with a 60-pound backpack for 10 miles.

QUALIFICATION REQUIREMENTS:

Skills/Knowledge: Strong knowledge of Hawaiian natural history and conservation preferred. Must be able to identify endemic and non-endemic native Hawaiian plants as well as non-native invasive plants at a generic level. Working knowledge and identification of taro cultivars and Hawaiian taro cultivation practices. Must have basic computer skills in word processing, spreadsheets, database management and GIS software. Must have an ability to read topographic maps, aerial photographs and use GPS equipment. Must be able to work with a wide variety of people and agencies to share information, cultivate cooperative relations and support implementation of cooperative projects. Must have a demonstrated ability to implement and complete various management projects as directed without supervision, strong observational, organizational and communication skills.

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Fluent in both Hawaiian and English. Possess strong Hawaiian cultural knowledge as it pertains to farming and ahupua'a resource management. Must be committed to the preservation of Maui Land & Pineapple Company, Inc.'s natural resources.

Education/Training: Must have a B.A. in Hawaiian studies or natural environment or 3 years work experience related to the Hawaiian culture or ahupua'a management. Driver's license required. Possession of Hawaii hunting license and hunter safety course certification preferred. Possession of Hawaii certification for commercial applicators of restricted pesticides preferred.

Experience: Requires familiarity with outdoors and camping in wilderness areas. Possess three years of experience of Hawaiian resource practices, 3 years of active cultivation of taro, and 2 years of community engagement with youth in the outdoors and 2 years of utilizing the Hawaiian language in outdoor programs.

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