



June 19, 2019

Councilmember Alice Lee
County of Maui
200 South High Street
Wailuku, HI 96793

Subject: Water Use Reports (WAI-27)

Dear Councilmember Lee:

Thank you for your letter dated June 5, 2019 to Sharon Suzuki requesting additional information pertaining to data contained in the March 2019 State of Hawai'i Commission on Water Resource Management (CWRM) Monthly Pumpage Data report. We offer the following in response to questions posed at the June 3, 2019 Water and Infrastructure Committee meeting:

1. How much water per day is Maui Electric Company permitted to pump?

Maui Electric operates two power generation stations associated with the reference report, one in Kahului and another in Mā'alaea. The Kahului Generating Station is allowed to draw 54.9 million gallons of water per day from 10 onsite wells (numbered 6-5427-001 through 011 in the March 2019 CRWM Monthly Pumpage Report). The Mā'alaea Generating Station is allowed to draw just under 1 million gallons per day from 4 onsite wells (numbered 6-4829-001 through 004 in the March 2019 CRWM Monthly Pumpage Report). Both facilities are in compliance with their water use allowance. The water utilized at both facilities is brackish water.

2. What is the water used for?

Kahului Generating Station primarily uses the water for cooling the generating units and discharges to the ocean in accordance with Clean Water Act National Pollutant Discharge Elimination System (NPDES) permit No. HI0000094 issued by the Hawai'i Department of Health. Mā'alaea Generating Station primarily uses the water from Wells 6-4829-002 - 004 for environmental controls and discharges to on-site injection wells in accordance with a Safe Drinking Water Act Underground Injection Control (UIC) permit No. UM-1592 issued by the Hawai'i Department of Health. Well 6-4829-001 is used for irrigation.

Thank you for the opportunity to respond. Should you need further information please feel free to contact me at 872-3245. Maui Electric is available to attend a meeting of the Water and Infrastructure Committee upon request to provide additional information.

Sincerely,

Mathew McNeff
Director, Generation - Maui County

c: Sharon Suzuki, President, Maui Electric
Mahina Martin, Manager, Government and Community Relations, Maui Electric