



Kihei Community Association

"e malama pono"...dedicated to protecting,
sustaining and enhancing our 'āina, kai and 'ohana

KIHEI COMMUNITY ASSOCIATION POSITION STATEMENT
ADDRESSING SOUTH MAUI'S WATER SUPPLY
DATED OCTOBER, 2013 (rev. AUGUST, 2018)

KCA is concerned about the integrity and sustainability of Maui's water supply and in particular South Maui's water supply. In South Maui developments proceed with few water resources identified. Our present usage of water sources appears to exceed our ability to sustain the water supply; therefore, it is KCA's position that timely action needs to be undertaken as soon as practical. Items to address:

1. Update Maui County's over 28 year old Water Use and Development Plan (WUPD) to reflect current circumstances, expected future demand and the effects of a changing climate.
2. Increase the proper utilization of "waste water" in South Maui as well as other areas of Maui.
3. Develop and implement a water conservation plan for new development as well as existing uses.
4. Restrict new development that will cause further degradation of our aquifers with increased salinity and remediate the causes of rising salinity levels.
5. Continue to monitor salinity levels in our aquifers and take specific actions to stabilize them for the benefit of current and future users.

KCA's position is based on the following assumptions and facts:

- South Maui is essentially a desert lacking its own independent water supply. The water needs are currently met from the West Maui aquifer system.
- South Maui sits on top of the Kamaole aquifer, a brackish aquifer at lower elevations. Confidence in its sustainable yield estimation is categorized at the lowest level of certainty.
- Salinity levels in the West Maui aquifer system have been rising consistently over a long period of time based on credible data provided by the USGS.
- South Maui and other parts of the Hawaiian Islands have at times been in prolonged drought. Rainfall over the Hawaiian Islands has been in decline since 1978.
- Maui County's Water Use and Development Plan (WUPD) is over 28 years old and is no longer a relevant planning document, both in terms of the current situation and the expected future.
- Significant development in South Maui is on-going, including expansion of the R&T Park, construction of a new high school, and the large developments of Makena Resort and Honua'ula in Wailea.