



**POSITION STATEMENT  
REGARDING SOUTHWEST MAUI'S STORM WATER MANAGEMENT  
MARCH, 2014**

The Kihei Community Association is concerned about the lack of planning for southwest Maui's storm water management. In southwest Maui, development proceeds with no master plan identified for storm water management. Presently storm water overruns many areas of south Maui even in minor storm events. Major storm events will cause loss of property, possible loss of life, and extensive environmental damage; therefore, it is KCA's position that action be taken as soon as practical to mitigate these possibilities. We recommend the following:

1. Complete the Draft 2009 Drainage Plan for Kihei with a Master Drainage Plan. The plan should address at a minimum:
  - a) A basin by basin plan showing detention basins, detention structures, channels and drainage piping to handle storm water for the proposed 20 year development of the basin. The basin plan should be based on at least a 25 year storm event with little or no divergence between basins.
  - b) The plan should include requirements for control of silt and other objectionable material in the storm flow. This would include but not be limited to heavy metals, petroleum, and other detrimental waste.
  - c) The plan should show a reasonable method of financing the needed improvements including but not limited to contributions from new developments.
2. Require all new developments to participate in not only mitigating the onsite drainage, as required by County Ordinance, but to participate in the implementation of the above South Maui Master Drainage Plan for control of storm water.
3. Require new developments to capture storm runoff for use as water supply, irrigation supply, and to recharge our aquifers.
4. Require that all developments consider applying Green Streets Principles to all on-site landscaping in order to capture rainwater landing on hard surfaces, in addition to planned detention basins.

KCA position is based on the following assumptions and facts:

- Storm water in southwest Maui floods property even in minor storm events like the 2010 storm.
- Storm water carries a heavy concentration of silt which is causing damage to the near shore reefs.
- Storm water is presently diverted between historical flood basins.
- The FEMA mapping is currently not correct in several areas of southwest Maui. This is evidenced by comparing the culverts and bridges on the Pi'ilani Highway to the current FEMA mapping.