



# LEGEND

- WPOD ZONE A
- WPOD ZONE B - 2 year
- ⋯ WPOD ZONE C - 10 year
- 2013 PARCEL

## NOTE:

WPOD zones were delineated by the University of Hawaii Department of Geology & Geophysics utilizing fixed distance for the ZONE A nearest the well and Time of Travel (TOT) criteria for Zones B and C using the USGS 3-dimensional numerical groundwater model, MODFLOW, followed by the particle tracking program, MODPATH.

**ZONE A** - Direct chemical contamination zone.  
A 50-foot radius around each well to provide protection from vandalism, tampering, or other threats to each well site.

**ZONE B** - Indirect microbial contamination zone.  
Consists of the surface area overlying the portion of the aquifer that contributes water to the well within a 2-year time-of-travel distance.

**ZONE C** - Indirect chemical contamination zone.  
Consists of the surface area overlying the portion of an aquifer that contributes water to the well within a 10-year time-of-travel distance.

**OFFICE OF THE COUNTY CLERK**  
200 SO. HIGH ST., WAILUKU, MAUI, HAWAII 96793

## WELLHEAD PROTECTION OVERLAY DISTRICT MAP No. 9 AREA SOUTH OF KALAE, MOLOKAI

APPROVED:	PUBLIC HEARING: _____	
	ADOPTED BY COUNCIL: _____	
COUNTY CLERK	DATE	
APPROVED:	ADOPTED BY MAYOR: _____	
	BILL No./YEAR _____	
PLANNING DIRECTOR	DATE	ORDINANCE No. _____

DRAFT 03

WPOD Map **9**