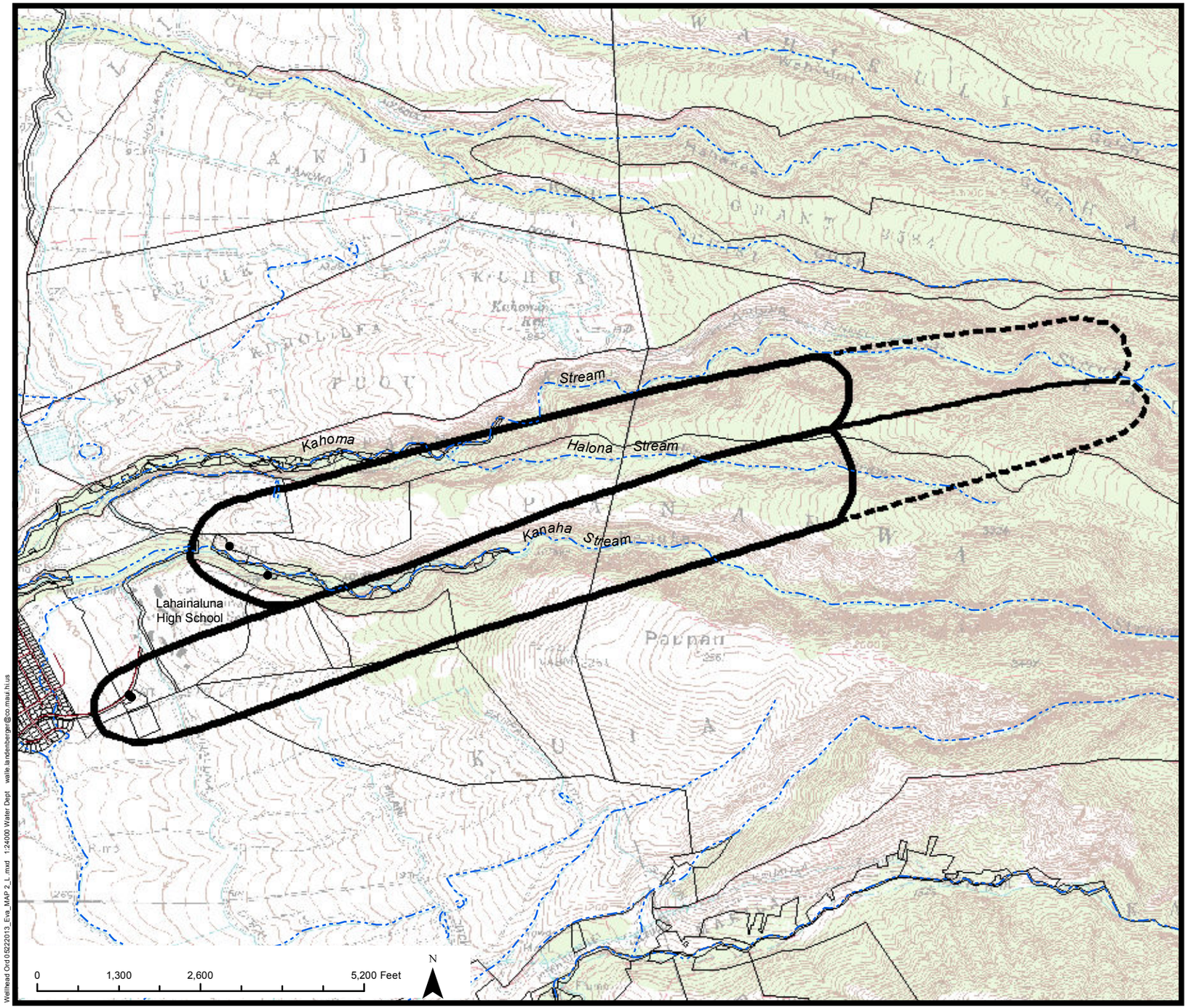
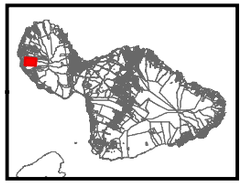


Wellhead Ord 05222013_Eva_MAP 2_L.mxd 1:24000 Water Dept walle.landenberger@co.maui.hi.us

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. 2

AREA NORTH-EAST OF LAHAINA TOWN, MAUI

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

DRAFT 04

WPOD Map **2**