File Reference: Waialua High
Date of Field Investigation: January 4, 2002
Investigators: Mitchell Ohye, Lenore Nakama
Others present: Sharon Yoshimura (Athletic Director), Herbert Onizuka (Facilities Maintenance)

Well No.: 3407-25
Purpose of Field Investigation: 1) to collect water data, 2) to verify existence of well and water use for water use permit application processing, and 3) to verify source & use for registration/declaration processing.

Notes:

Supplement to Field Inspection Information Checklist
The water is used at TMK 6-7-2:10 for irrigation of the football and play fields (~6 acres). Parcel 10 is owned by the City and County of Honolulu. The water is also used at TMK 6-7-2:29 & 30 for irrigation of a new baseball field (~3.7 acres). Parcels 29 & 30 are owned by the State of Hawaii.

Water Data
Water use is not being measured. We explained to Sharon and Herbert that reporting of monthly water use is required by state law, and would also be required as a condition of the water use permit. They requested that they be allowed to estimate water use based on run time (~1-2 hours/day) and pump capacity (±70 gpm) and that they be allowed to report on an annual basis.

Chlorides from the well are being monitored on a monthly to quarterly basis by the U.S. Geological Survey. The Water-Data Report HI-00-1 (USGS, 2001) shows that the chlorides are stable, ranging from 369 mg/l in January 2000 to 410 mg/l in September 2000.

Water level data cannot be collected because there is a vertical line shaft pump installed in the well. There is no chase tube. The depth of the intake is unknown. According to Herbert, the pump was installed in the 1960’s and the motor has been repaired twice since then.

Pump Specs
From nameplace on the pump, the pump was made by U.S. Electrical Motors, Inc.:
Serial # 856461
Cycles 60
RPM 3600
Amps: HI VOL 31
     LO VOL 62