



SPECIAL DISTRICTS

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Drainage Benefit Assessment Areas (DBAA)

(All six benefit areas are located in Canyon Country)

Benefit area funds are collected by the County on the general property tax bills and used for the operation and maintenance of various equipment and fixtures, such as pump stations, observation wells, hydraugers, and drainage swales, all of which remove and/or drain excess ground and surface water in order to maintain slope stability.

Maintenance and operation of the subsurface drainage facilities involve: 1) periodic inspection, monitoring, and evaluations; 2) unclogging and clean-out where necessary; 3) annual geologist review with a report and recommendations; 4) installation of dewatering devices and other mitigation measures; and 5) periodic repairs, when necessary.

DBAA No. 3: Whites Canyon Road and Nadal Street

The subsurface drainage facilities consist of three observation wells without pumps and sixteen horizontal drains known as hydraugers.

DBAA No. 6: Shangri-La Drive and Nathan Hill Road

The subsurface drainage facilities consist of one pumping well, three observation wells with pumps, six observation wells without pumps, and six hydraugers

DBAA No. 18: Shangri-La Drive, Tract No. 44965

The subsurface drainage facilities consist of one pumping well, one “sump” pump drainage system, and twenty-one observation wells without pumps.

DBAA No. 19: Four Oaks east of Camp Plenty Road

The subsurface drainage facilities consist of two pumps and two observation wells without pumps.

DBAA No. 20: Whites Canyon Road and Canyon Crest Drive

The subsurface drainage facilities consist of terrace drains, swale drains, a 30-inch storm drain and two flumes, and related structures and appurtenant facilities.

DBAA No. 22: Shadow Pines Boulevard and Narcissus Crest Avenue

The subsurface drainage facilities consist of sub drains, terrace drains, parkway culverts, swale drains, down drains, inlet structures, flumes, stand pipes, debris walls, catch basins, and all storm drain and related structures and appurtenant facilities.

- ✚ Estimated revenue for fiscal year 2006/07: \$172,675
- ✚ Total expenditure budget for fiscal year 2005/06: \$ 343,023
- ✚ Estimated gallons to be pumped in 2006 in DBAA #6 and #18: 23,200,000
- ✚ DBAA #6 pumps about 2700 gallons per day (two gallons per minute)
- ✚ DBAA #18 continues to pump above the normal rate, about 65,000 gallons per day (45 gallons per minute)
- ✚ DBAA #18 “normal” pumping rate runs about 60,000 gallons per day (fills 42 1-gallon jugs every minute/fills an Olympic size pool every 11 days or 33 pools each year)
- ✚ DBAA #19 will only require pumping if the winter/spring precipitation is well above average
- ✚ DBAA equipment consists of 38 observation wells, 4 pump stations, 22 hydraugers, and 5 flow-meters