

## 22. Existing Conditions

### 22.1.1. Cherokee Metropolitan District

Cherokee provides wastewater service to SAFB through a lift station and associated force main to its existing WRF. SAFB's wastewater enters a 24-inch gravity interceptor sewer installed by Cherokee. The base for the first time is constructing on-site housing. Cherokee is in the process of upgrading the treatment system to include the removal of total dissolved solids (TDS).

### 22.1.2. Sunset's Ellicott Springs Wastewater Treatment Plant

The Wastewater Treatment Plant is located approximately six miles south of Ellicott, services portions of the Upper Black Squirrel Subwatershed, which includes the Sunset Village development and Ellicott School District (connected to Ellicott Springs Resources in 2002), just north of Drennan Road. Ellicott has service commitments to serve Ellicott Springs development, Viewpoint Village and Estates and Springs East Village.

In January 2002, the Ellicott WWTP completed an upgrade to a permitted capacity of 250,000 gpd, discharging to an unnamed tributary of Black Squirrel Creek. The WWTP consists of a three-cell aerated lagoon system with chlorine disinfection.

### 22.1.3. Major Point Source Service Area Maps

A summary of point source data is presented in Table 9, Appendix C, which shows information obtained from the treatment facilities. Service area maps show projected service area boundaries for each facility previously described. The background of these maps is Google Earth satellite imagery, which was updated in September 2005. Major point source discharge locations are shown on the service area maps.

22.2. Figure: Chico Creek Watershed Discharge Facilities (Paint Brush Hills; Cherokee; and Sunset's Ellicott Springs)

