

LITTLE ROCK AFB, AR UTILITY SYSTEM DESCRIPTIONS

General: Little Rock AFB occupies 6,128 acres and is located approximately 17 miles northeast of Little Rock on Highway 67/167. There are 1,643 facilities on Little Rock AFB. The base population is comprised of more than 19,000 people, most of which are the military that work on base and their dependents.

SYSTEM DESCRIPTIONS: The following information provided is only an estimate and is subject to change.

Sanitary Sewer: The sanitary sewer collection system consists of approximately 57 miles of collection piping, 95 percent of which consists of concrete gravity piping, and remainder being PVC, VCP and CI piping. There are approximately 600 manholes. The base has 12 lift stations it maintains which pumps into approximately 9.5 miles of force main. Flows from the sanitary collection system are pumped to the City of Jacksonville, Arkansas for treatment. The flow is metered at one central location.

Natural Gas: The natural gas distribution system consists of approximately 20 miles of distribution piping. There are approximately 14 miles of steel pipe and 6 miles of PE pipe. Natural gas is delivered to the base through an 8-inch main at 30 psig. Natural gas consumption is approximately 240 million cubic feet annually with a peak day demand of 2.4 million cubic feet.

Electrical: The primary power enters the facility from the south in the area of the main gate. The 13.8/7.97 kV Y service to the main switching station provides electricity to four (predominately overhead) distribution feeders through distribution circuit reclosers located at the main switching station. All feeders on base are phased with numerous air break switches providing flexibility in switching. There is approximately 327 miles of electric distribution line and the peak demand is 17,000 to 19,000 kW. Street lighting is provided along the primary roads with pole mounted lights.

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