

## **DOVER AFB, DE UTILITY SYSTEM DESCRIPTIONS**

**General Base Description:** The following information is only an estimate of the size, scope, and general description of the natural gas and sanitary wastewater utility systems at Dover AFB and is subject to change. Dover Air Force Base is an active military installation located adjacent to Dover, Delaware. The base is located on 21,802 acres of Air Force owned land. It has approximately 229 nonresidential buildings totaling 3.6 million square feet and approximately 850 military family housing units.

**Natural Gas System** - Natural gas is supplied to Dover AFB by Chesapeake Utilities Corp via steel pipelines routed through the base. Several taps from these pipelines feed meter/regulating stations. Air Force owned HDPE distribution piping supplies the Base from the meter/regulating stations. Pressure in the steel pipeline is approximately 40 psig. Pressure in the HDPE piping is approximately 5 psig. The natural gas distribution system consists of approximately 25,000 linear feet of distribution piping.

**Sanitary Wastewater System** - Wastewater treatment is provided by Kent County, Delaware. Wastewater collection mains total approximately 49,214 linear feet. Piping materials include vitrified clay, cast iron, ductile iron, polyvinyl chloride, asbestos cement, and concrete. The wastewater system also includes approximately 241 manholes and 14 sewage lift stations. Wastewater flows average approximately 0.85 million gallons per day.

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