

**VANCE AFB, OK**  
**UTILITY SYSTEM DESCRIPTIONS**

**System Descriptions:** The following information provided is only an estimate of the size, scope and general description of the natural gas, potable water and wastewater utility systems at the base and is subject to change.

**Natural gas:** Gas is supplied to the base by Oklahoma Natural Gas Company via a single four-inch 200 psi supply line which is master-metered at the base perimeter. The distribution system consists of approximately 13 miles of underground main which is normally maintained at 16 psi; the main lines are all wrapped and coated steel pipe with cathodic protection.

**Potable water:** Water is supplied by the City of Enid via a single 10-inch main at approximately 60 psi. The base supply main carries water to a 300,000-gallon ground storage tank; water is pumped from there into a 500,000 gallon, 110-foot elevated storage tank. Water is distributed from that point through approximately 20 miles of mains, 90% of which are constructed of steel.

**Sanitary Wastewater:** The sanitary sewer system includes approximately 13.5 miles of sewer mains and one primary lift station and force main; five small lift stations and force mains are used to connect individual facilities into the main system. Wastewater is discharged into the City of Enid's sanitary sewer system for treatment.

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