

KIRTLAND AFB, NM UTILITY SYSTEM DESCRIPTIONS

General: Kirtland AFB occupies approximately 51,500 acres of real estate in Bernalillo County, NM. Of these 51,500 acres, the Air Force owns 44.025 acres with the Department of Energy owning the remaining 7,475.

System Descriptions: The following information is only an estimate of the size, scope, and general description of the electrical, natural gas, potable water, and wastewater utility systems at Kirtland AFB and is subject to change. Any portions of utility systems owned by DOE are not included in this conveyance. Kirtland AFB does not generate its own electricity or natural gas and does not have water or wastewater treatment plants.

Electrical: The electrical transmission system consists of four 46 KV feeders. The Air Force is sole owner of two of these feeders and partial owner of the remaining two. Electricity is distributed over 12.47 KV and 4.16 KV lines. The total system consists of approximately 640 miles of line. The Air Force owns 20 substations on base.

Natural Gas: The natural gas distribution system consists of approximately 475,000 linear feet of steel and PE piping.

Potable Water: The water distribution system consists of approximately 850,000 linear feet of cement-asbestos, steel, and PVC piping. There are 7 wells on base and several storage tanks ranging in capacity from 500,000 gallons to 4.5 million gallons. This provides the base with the ability to satisfy 100% of its water needs. There is no water treatment plant on base, however a chlorination system with associated well water pumps exists at every well head.

Sanitary Wastewater: The wastewater collection system consists of approximately 495,000 linear feet of piping.

The point of contact is Brent Smeltzer (brent.smeltzer@tyndall.af.mil), FAX (850)283-6336.