

CHEYENNE MOUNTAIN ANGB, WY UTILITY SYSTEM DESCRIPTIONS

General: The 153rd Airlift Wing (AW) of the Wyoming Air National Guard occupies approximately 77 acres of leased land on the City of Cheyenne Municipal Airport, located two miles north of downtown Cheyenne, Wyoming.

System Descriptions: The water distribution systems and the wastewater collection system are being considered for privatization. The utility system information provided here is an estimate only and is subject to change.

Potable Water: Water is supplied by the City of Cheyenne and enters the base at ten points. The configuration is a looped system with some dead-end branches with water delivered at 100 psig. The distribution system consists of approximately 9,000 linear feet of ductile iron pipe. Piping diameters range from 1.5 inch to 12 inches. Piping is buried at an average depth of five feet without the use of tracer wire or marking tape. The system also has 30 cast iron gate valves and eight fire hydrant assemblies.

Sanitary Wastewater: The Cheyenne Mountain wastewater collection system operates via gravity flow and exits the base at four locations. The wastewater collection system consists of approximately 2,500 linear feet of PVC pipe, 190 linear feet of cast iron pipe; and 1,800 linear feet of vitrified clay pipe. All pipes range in size from four to twelve inches. Pipe depth ranges from four to eight feet without tracer wire or warning tape. The system includes 17 pre-cast concrete manholes and three brick manholes ranging from six to eight feet in depth.

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