

## **MINNEAPOLIS-ST PAUL ARS and ANGB, MN UTILITY SYSTEM DESCRIPTIONS**

**System Descriptions:** The following information is only an estimate of the size, scope, and general description of the electrical, potable water, and sanitary wastewater utility systems at Minneapolis-St Paul Air Reserve Station and is subject to change. The Minneapolis-St Paul Air Reserve Station is located at the Minneapolis-St Paul International Airport in Minneapolis, Minnesota. It consists of 254 acres on four non-contiguous parcels of land with several Air Force and Defense units with a variety of missions, including the Minnesota Air National Guard. The Air Reserve Station includes approximately 93 major operational buildings. The Air Reserve Station does not generate its own electricity or natural gas and does not have water or wastewater treatment plants.

**Electrical:** The Station electrical system is fed from a Northern State Power feeder into the main switchgear. The electrical distribution system includes approximately 19,500 linear feet of 3-phase, 4-wire, 15kV conductor in duct. There are 50 pad mounted transformers and no aerial electric distribution system exists.

**Potable Water:** Water is delivered to the Station from the City of Minneapolis through 2 inch and 12 inch mains. The Station distribution system for potable water and fire protection consists of approximately 47,000 linear feet of ductile iron, stainless steel, and PVC pipe ranging in size from 1.5 to 12 inches, 81 hydrants, and a 200,000 gallon water storage tank. No water treatment is provided on the Station.

**Sanitary Wastewater:** The sanitary wastewater collection system consists of approximately 21,000 linear feet of primarily VC and PVC sewer mains ranging in size from 4 to 15 inches. All collected wastewater is processed by the Minneapolis Wastewater treatment facility.

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