

## **GENERAL MITCHELL ANGB, WI UTILITY SYSTEM DESCRIPTIONS**

**General:** The 128th Wisconsin Air National Guard Air Refueling Wing (ARW) is located about 6.5 miles south of the center of Milwaukee and 2.5 miles west of Lake Michigan. The 128th ARW consists of three parcels of land totaling 109.9 acres. The land located east of the airport runways consists of two parcels. The northern 58.5-acre parcel holds the apron, hangar and most of the buildings. The southern 46.5-acre parcel is an old landfill, is not developed and is not expected to be developed in the future. The landfill and issues is not part of this investigation. The third 4.9 acre parcel (“Guard West”) is located south of the airport, adjacent to the north of the Air Reserve Station.

There are 26 commercial and industrial buildings totaling 277,744 square feet on the base. There are no living quarters on the base.

The 128th ARW is currently implementing a plan to increase the apron size to allow parking for more airplanes. In addition to the apron improvement projects, additional land adjacent to base (to the east) has been acquired to allow expansion to the east in the future. This land is currently undeveloped and separated from the main part of the base by a large railroad embankment. As a result of the physical separation, it is likely that new connections would be created to provide utility service to new buildings in this area.

**System Descriptions:** The following utility system information is only an estimate and is subject to change.

**Potable Water:** Potable water is supplied to the 128<sup>th</sup> ARW by the City of Milwaukee. The water distribution system in the 128<sup>th</sup> ARW contains 11,600 lineal feet of cast iron and PVC pipes. Sizes range up to 12-inches in diameter. The 128<sup>th</sup> ARW has approximately 38 hydrants.

**Sanitary Wastewater:** The wastewater from the 128<sup>th</sup> ARW is discharged to the Cudahy Sanitary Sewer System. The system contains approximately 4,700 lineal feet of pipe with sizes ranging from 4-10 inches. There are two sewage lift stations, which transport the wastewater to the main discharge pipe.

**Electrical:** Power for the 128<sup>th</sup> ARW is supplied by Wisconsin Electric Power Company. The system is comprised of a combination of overhead and underground electric lines, and pole and pad mounted transformers. The 128<sup>th</sup> ARW contains approximately 2,900 lineal feet of above ground power lines and 1,700 lineal feet of underground power lines. The 128<sup>th</sup> ARW contains approximately 15 transformers.

**Natural Gas:** Natural gas is provided to the 128<sup>th</sup> ARW by Wisconsin Natural Gas. Wisconsin Natural Gas currently owns a portion of the gas pipes, and the base owns the remaining 3,600 lineal feet of pipe. The pipe sizes range from 1 1/4 – 2 inches in diameter. The gas supply enters on the east side of the base and is distributed throughout the base via two main 2-inch diameter lines.

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