

OTIS ANGB, MA
UTILITY SYSTEM DESCRIPTIONS

SYSTEM DESCRIPTIONS: Otis Air National Guard Base (ANGB) is located 7 miles NNE of Falmouth, MA. The following information provided is only an estimate and is subject to change.

Potable Water: Water service is provided by a 1,500 gpm onsite well. The water distribution system includes over 26 miles of distribution main lines and two 400,000-gallon storage tanks.

Sanitary Sewer: The sanitary sewer system includes over 40 miles of collection mains and three main lift stations. Sewage is treated in an onsite .43 mgd capacity wastewater treatment plant. The treatment system includes a 10.5-mile effluent forced main and 260,000 square feet of infiltration basins. Sludge is processed in an onsite composting facility and used for onsite soil amendment.

Electrical: The site receives power from Commonwealth Electric Company through either of two three phase overhead circuits operating at 24.9 kV. There are two substations on site, one with 10 MVA transformer capacity and the other with 3.75 MVA capacity. The two substations feed approximately 43 miles of 4160/2400 V overhead distribution circuits. There are approximately 416 transformers on site. The majority of which are single-phase pole mount type.

The point of contact is Mark Young (mark.young@tyndall.af.mil), FAX 850-283-6336