Utility Operations Fact Sheet

Building 40
Year Occupied: 1967
Gross Square Feet: 18,409
Net Assigned Square Feet: 1,622

Total Utility Operation Staff: Twenty (20)
Maintenance/Specialist: Three (3)  Utility Operators: Four (4)
HVAC Specialist: Five (5)  Administrative/Support Staff: Four (4)
Water/Wastewater Operators: Four (4)

Utility Operations operates and maintains systems and equipment 24-7-365 for:

I. Chilled Water Production and Distribution System (Building 40)

II. Cooling Tower Water Production and Distribution System (Building 40)
   A. Four (4) 3600 GPM Cooling Towers [CT-1 (1999), CT-2 (2001), CT-4(2001)]

III. Drinking Water Production and Distribution Systems
   A. One (1) 200,000 Gallon Elevated Water Storage Tower
   B. One (1) 500 GPM Drinking Water Wells [B-47, Well No. 2 (1967)]
   C. One (1) 1,000 GPM Drinking Water well [B-44, Well No. 4 (2011)]

IV. Electrical Distribution System
   A. Primary Feed (12,470 volt located at Building 40)
   B. Alternate or Emergency Feed (12,470 volt) located at University Parkway Entrance

V. Emergency Electrical Generators

VI. Heating Hot Water Production and Distribution System (Building 40)
   A. One (1) 32.6 Million BTU per hour Heating Hot Water Boilers [B-1 (2001)]
   B. One (1) 8.0 Million BTU per hour Heating Hot Water Boiler [B-3 (2008)]
   C. Five (5) 5.0 Million BTU per hour Condensing Hot Water Boilers [B2a-e (2015)]

VII. Irrigation Distribution System

VIII. Sanitary Sewage Collection and Lift Station Systems
   A. One (1) 600 GPM Main Lift Station [B-56A (1997)]
   B. Eight (8) Auxiliary Lift Stations located at different locations around campus.

IX. Stormwater Management Systems
   A. Thirty (31) Stormwater Treatment Ponds

X. FY 2014/2015 Main Campus Utility Cost: $4.235M per Year (E&G = $2.957M) – Exec. Summary

XI. FY2014-2015 Main Campus Utility Consumption
   A. Electrical: 39.6 Million kWh
   B. Natural Gas: 72.6 Billion BTU per Year
   C. Sanitary Sewer: 42.9 Million Gallons per Year
   D. Drinking Water: 138.2 Million Gallons per Year

BTUH: BTU Per hour  BTU: British Thermal Units  GPM: Gallons per minute
KW: Kilowatts  KWH: Kilowatt-hour  One Ton= 12,000 BTUH