

Cheyney Physical Plant Operations' Quick Facts

PEOPLE

- Plant Operations has 32 very talented people.
- 30 Plant Operations employees are represented by one Union: the American Federation of State, County & Municipal Employees, AFL-CIO (AFSCME, Local).
- 2 management employees hold no-bargaining unit positions.

ENERGY

- 12.2 Million watt Hours (million KWH) of electricity are used by CHU per year.
- The Raleigh Ellis Power Plant buys 117thousand cubic feet of natural gas per year.
- In total, CHU consumes 176.0 million BTU's of energy per year.
- More than 3000 tons (3.6 million BTU/hr.) of chilling capacity is operated and maintained.
- CHU uses over 12.0 percent of the water consumed in Township (or 36 million gallons per year).

ENVIRONMENT

- In FY 2008, 6.0 tons of paper and 12.4 tons of mixed containers were collected for recycling.
- Over 1,100 tons of trash was sent to the landfill.
- In partnership with the Chester County, a revised recycling program will be launched in fall 2009
- Over 160 tons of cooking grease was recycled in FY 2008.
- CHU participates in a proactive Storm water Management program in concert with the Science Department
- 240 tons of basil are grown and sold and more than 175,000 tilapia fish are sold from the private-public partnership and aquaculture program.

WORK

- Including utilities, Plant Operations total transactions processed were \$6.5 million in FY 2008.
- The Plant Operations Call Center issued over 598 work orders in FY08.
- Construction Services performed over \$1,200,000 worth of construction in FY08.
- The average contract custodian cleans 48,000 sq. ft., Team Clean Janitorial Services cleans 20 General Fund buildings and 5.0 Residence Hall Communities.
- Preventive maintenance is scheduled for over 1,900 pieces of building equipment.
- Plant Operations issued over 1,000 preventative maintenance work order phases in FY08.
- Over 4,500 work orders were issued in FY08.
- There are approximately 2,200 locking doors on campus. On average, over 1000 keys are issued each semester. Slightly over 900 keys are returned each year.
- We maintain and test over 2780 fire protection devices and 1,620 sprinkler devices.
- 16 fume hoods are maintained by Plant Operations.
- The 800Mhz radio system consists of 1 repeater tower, 26 radio units and 1 dispatch consoles at the Department of Public Safety and some units are configured to interface with the Chester County 800 Mhz emergency radio system. On a typical day, the system handles over 150 calls.
- There are over 195 users authorized access to the Plant Operations Facility Management System
- There are nine outlying boiler systems which are maintained by plant personnel.
- Electric Utilities maintains 120 roadway lights, 200 street lights, and 400 building mounted lights on campus.

PROPERTY

- Grounds Services maintains 180 acres of land on Delaware and Chester County campus.
 - 1,125,000 square feet is the building foot print on campus.
 - 275 acres of land is the total parcel foot print
- We maintain 120 acres of turf
 - If you were to mow this in a straight line using a standard push mower you would travel 840 miles per week during the growth season.
- We maintain 5,830 SF of annual and perennial beds.
 - Equal to 1/2 football fields.
- We maintain approximately 140 inventoried trees on campus
- 6-1/2 miles of buried water piping service the campus.
- 1.75 miles of Public Roadway traverses through the CHU campus.
- There are five Residence Hall Communities on campus with more than 195,000 square feet.
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