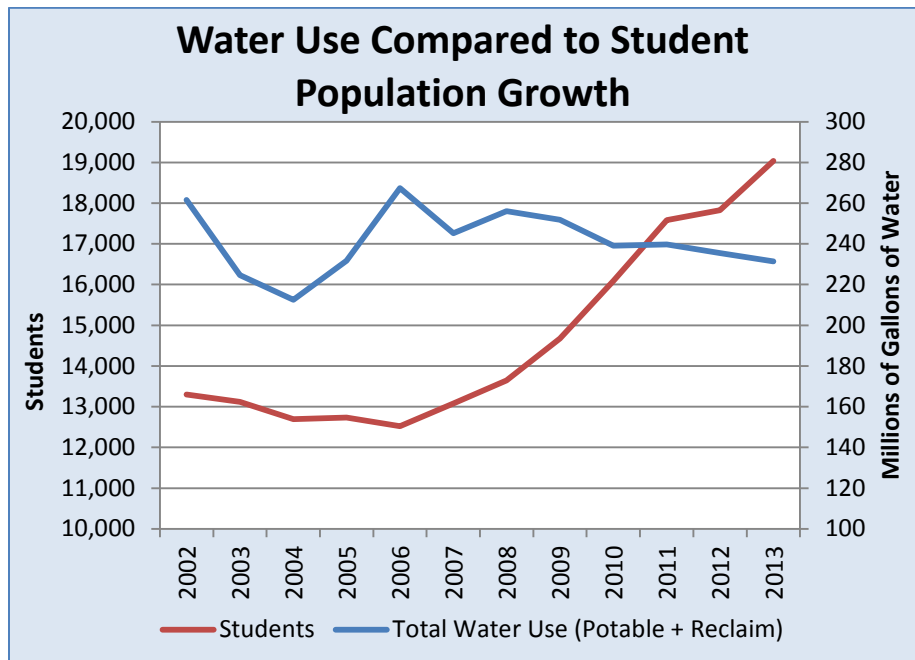


NAU Sustainability Action Plan: Water



Goal: Decrease Total Water Use on Campus per Student by 20% by 2020

Objective 1: Reduce the gallons of potable water per square foot of building space used annually by 20 percent by 2015 (Achieved as of 2007!) and by 35 percent by 2020 (using 2002 as the baseline year).

Action 1: Continue to expand the reclaimed water system to reach 100 percent of landscaped areas. Continue to expand the use of reclaimed water for non-potable needs (toilets, car washing, green houses, etc.) within limits set by City agreement.

Responsible Party: Grounds, Utilities, Residence Life, and Planning, Design and Construction

Action 2: Continue to purchase efficient water fixtures such as faucets, toilets, urinals, and showers and the most efficient water appliances such as washing machines.

Responsible Party: Utilities, Plumbing, Residence Life

Action 3: Continue and expand water conservation educational outreach campaign to students and employees. Utilize water metering data to inform and educate.

Responsible Party: Green NAU Energy Initiative, Utilities, Residence Life, Office of Sustainability

Objective 2: Implement water conservation best practices for landscaping

Action 1: Assess current irrigated campus lawns for opportunities for hardscapes, artificial turf, and xeriscaping¹ and install where appropriate.

Responsible Party: Grounds, Residence Life

¹Xeriscaping: Quality landscaping that conserves water and protects the environment.

Action 2: Continue to utilize drought tolerant native or native adaptive plants, maintain taller mowing heights, and implement best practices for landscaping water management.

Responsible Party: Grounds, Residence Life

Action 3: Move towards an efficient centralized irrigation system with state of the art monitoring and control capabilities.

Responsible Party: Grounds, Residence Life, Utilities

Objective 3: Improve storm water management

Action 1: Test new pervious pavement technologies and install wherever appropriate.

Responsible Party: Planning, Design and Construction, Facility Services Engineering, Operations, Utilities, Parking and Shuttle Services

Action 2: Maintain existing and investigate new opportunities for bioswales, rain gardens, constructed wetlands, green roofs, cisterns, and other green infrastructure resulting in enhanced water conservation.

Responsible Party: Grounds, Planning, Design and Construction, Utilities