

Subject: Water Conservation

1. Purpose	1
2. Policy	1
3. Responsibilities.....	2
4. Procedures	2
4.1. Leak Reporting.....	2
4.2. Landscape Irrigation.....	2
5. Definition.....	2
6. References	3
7. Review Periodicity and Responsibility	3
8. Effective Date and Approval	3
9. Review and Revision History	3

1. Purpose

This policy establishes guidelines and practices designed to foster water conservation, sustainability, and environmental stewardship.

2. Policy

TCC facilities shall, to the extent possible, be designed, constructed, renovated, operated, and maintained in accordance with the latest energy efficiency standards and State and Federal energy conservation rules, including Governor’s [Executive Order 82](#) (2009) (“Greening of State Government”). In the interest of conserving water, the following specific standards have been adopted and are applicable to all TCC facilities and occupants:

- Where identified, plumbing leaks shall be expeditiously repaired.
- Use of water for irrigation of campus grounds shall be minimized through reduced frequency of watering, timing of watering, and selection of low water-use landscaping, such as drought resistant grass, plants, shrubs, and trees.
- Toilets, faucets, and showerheads shall be fitted with low-flow devices.
- Leadership in Energy and Environmental Design (LEED™) water efficiency standards of the U.S. Green Building Council shall be implemented to the extent feasible in all new construction and renovation projects undertaken by the college.

3. Responsibilities

The Vice President for Administration shall develop and promulgate procedures to implement the policy delineated above. All TCC employees and students bear a responsibility for conserving water in their daily activities at the college, including reporting plumbing leaks they identify.

4. Procedures

The following procedures are intended to reduce the amount of water consumed in the course of the college's normal operations.

4.1. Leak Reporting

Facilities Management & Services staff will make regular inspections of all plumbing systems for leaks and promptly repair those identified. Any college employee or student noticing a leak in a college plumbing system or a dripping faucet or fixture that does not shut off will notify the Facilities Management & Services office responsible for the facility in which the incident is located. Facilities Management & Service staff will respond promptly to repair the leak or malfunctioning faucet or fitting, documenting the work in the college's automated work management system so that such instances may be tracked for trends.

The Director of Facilities Management & Services will insure that posters are displayed in high water-use areas, such as rest rooms, break rooms, laboratories and lab preparation areas, etc., to advise employees and students how to report leaks and malfunctioning faucets and fittings.

4.2. Landscape Irrigation

In general, college grounds can be maintained with the equivalent of one inch of rain each week. Thus, except in weeks of exceptionally hot weather, landscape irrigation systems will not be utilized in weeks in which an inch or more of rain falls. And in weeks when such rainfall does not occur, irrigation systems will be utilized only to the extent required to provide the equivalent of one inch of rain. Irrigation systems should be run only in the early morning hours to minimize evaporation of the water before it is absorbed into the soil.

The Director of Facilities Management & Services, working through the college's landscape architect and the campus facilities managers, will adhere to the guidance provided above and will advise the Facilities Management & Services staff when conditions, such as exceptional heat, exist that warrant deviating from the guidance.

5. Definition

LEED™. A building rating system developed by the US Green Building Council, Leadership in Energy and Environmental Design; a voluntary, consensus-based national standard for developing high-performance, sustainable buildings with three

versions of rating systems: LEED-NC (New Construction), LEED-EB (Existing Buildings), and LEED-CI (Commercial Interiors).

6. References

[Governor's Executive Order 82 \(2009\): Greening of State Government](#)

7. Review Periodicity and Responsibility

The Vice President for Administration shall review this policy annually at the anniversary of its approval and, if necessary, recommend revisions.

8. Effective Date and Approval

This policy is effective upon its approval by the College President on May 19, 2010.

Policy Approved:

Deborah M. DiCroce
President

Procedure Developed:

Franklin T. Dunn
Vice President for Administration

9. Review and Revision History

This is the first version of this policy.