

Responsible Landscaping Practices

Supports sustainable campus landscapes through resource-efficient grounds management, water conservation, and environmentally responsible maintenance practices.

Sustainable Grounds & Landscape Management

University Facilities develops and maintains high-quality, sustainable campus landscapes that support environmental stewardship, operational efficiency, and long-term campus resiliency.

Landscape and grounds operations are guided by sustainability goals focused on:

- resource conservation
- water efficiency
- operational sustainability
- environmentally responsible maintenance practices

Facilities Sustainability Plan

As part of the [Facilities Sustainability Plan](#) update released in December 2023, University Facilities re-evaluated sustainability goals, metrics, and implementation strategies to support ongoing campus sustainability initiatives.

The Grounds & Landscape section of the plan focuses on improving sustainable landscape operations and reducing environmental impact across campus.

Guiding Principle

University Facilities develops and maintains high-quality, resource-efficient campus landscapes.

Sustainability Goals

Goal ID	Initiative
05-1	Increase the use of automated systems to reduce irrigation demand for potable water
05-2	Electrify grounds and landscape maintenance equipment

Water Conservation Efforts

University Facilities continues to evaluate and implement strategies that improve irrigation efficiency and reduce potable water usage across campus landscapes.

These efforts support:

- reduced water consumption
- sustainable irrigation practices
- long-term resource conservation
- environmentally responsible grounds management

Grounds Equipment Electrification

The University is working to increase the use of:

- electric grounds equipment
- battery-powered maintenance equipment
- sustainable landscape operations technologies

This initiative helps:

- reduce emissions
- lower fuel consumption
- support cleaner campus operations
- improve environmental sustainability

Sustainability Metrics & Milestones

Metric	Measurement
<i>Irrigation Water Usage</i>	Annual potable water consumption for irrigation (thousand gallons)
<i>Equipment Electrification</i>	Percentage of electric and/or battery-powered grounds equipment

Sustainable Campus Operations

Responsible landscaping practices are an important part of Montclair State University’s broader sustainability and operational resiliency efforts.

These initiatives support:

- sustainable campus development
- environmental stewardship
- climate resiliency
- resource conservation
- healthier campus environments