

## Introduction:

Virginia's Executive Order 77 requires state institutions to eliminate all single-use plastics and to reduce all other solid wastes, points all state institutions in the same direction and with the same timeline. This framework, and the ensuing response, is showcasing the adaptive skills and creativity of individual institutions while accelerating the collaborative capacities for sustainability work in higher education.

The Ferguson Fellow worked with Newport News City on their One City Marathon to perform responsible, professional, and technical support in the implementation of the City's "Roadmap to Sustainability", a comprehensive sustainability program that balances environmental stewardship, social responsibility, and economic prosperity. Alongside aiding in the implementation of the "Roadmap to Sustainability", the fellow assisted with the coordination of the One City Marathon to incorporate sustainability initiatives to reduce environmental impact, support/develop the City's "NNGreen" web pages and social media sites with updates and relevant postings.

## Process and Procedures

### One City Marathon

- Coordinate volunteers through Christopher Newport University and other community organizations such as The Mariner's Museum, Boy Scouts, and Virginia Master Naturalists.
- Coordinate waste management schedule for the event with vendors such as NOPE and Bay Disposal
- Aid in the certification process of the One City Marathon as a Dominion Green Power event and Virginia Green Travel Alliance Event
- Weekly check-ins leading up to the race to ensure all waste management vendors, volunteers, and signage were accounted for

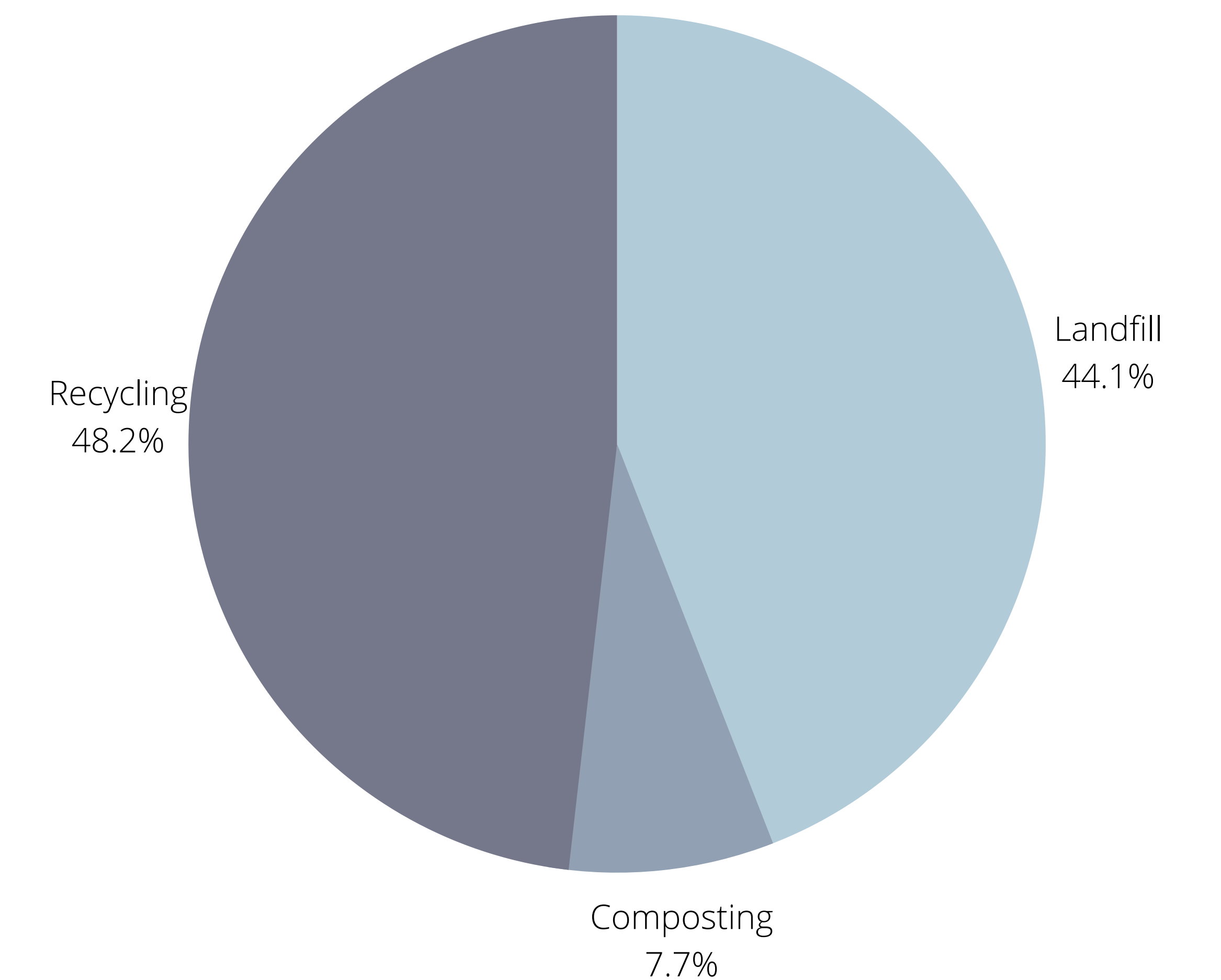
### Executive Order 77

- Attend Executive Order 77 meetings with the administrative committee to coordinate sustainable developments on Christopher Newport University's campus
- Develop plans to implement composting on campus through education and infrastructure
- Communicate with students regarding the implementation strategy of Executive Order 77 on campus
- Act as a student liaison for concerns and questions regarding the implementation of Executive Order 77 on campus.

## Race Day Execution:

At the One City Marathon, 5 ECO-Stations were placed throughout the Celebration Site as well as along the finish line of the race course. Trex recycling containers were placed at the finish line to collect plastic film waste from the pallet and bottle wrapping. Volunteers were responsible for monitoring the contamination levels of recycling and composting containers to increase the likelihood of success. Attendees were educated on proper waste disposal throughout the duration of the event.

## Waste Collection Measurements



ECO-Stations, Left to right: Recycling, Trash, Composting

## Community Partnership and Contact Information

### City of Newport News Sustainability

- Implement the city's Sustainability Roadmap through the following steps:
  - Energy efficiency and Conservation
  - Resource Conservation
  - Open Space and Smart Development
  - Transportation
  - Sustainable Built Environment
  - Civic Engagement Policy

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### Center for Sustainability in Education

- The CSE is a hub for students, faculty, staff and community leaders to work together to explore complex themes at the nexus of human and ecological well-being. The center creates and supports opportunities for learning about sustainability through coursework, research, co-curricular activities and civic engagement

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## Future Steps and Recommendations

- Clearer signage
- Removal of single-use plastic where possible
- Stream line vendor materials to eliminate choices and lower contamination levels
- Increase volunteer communication and education programs
- Add more ECO-Stations while removing unnecessary waste receptacles