



Zero Waste 2030

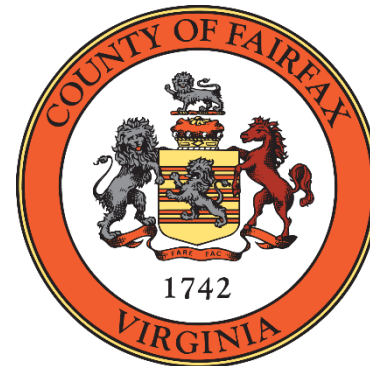
A Joint Plan for County Government and Schools

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Department of Procurement and Material Management

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JET Recommendation

- **Zero Waste government and schools by 2030**
- Sub-Recommendations
 1. Zero Waste Plan
 2. Waste Audits
 3. Sustainable Purchasing
 4. Composting
 5. Schools (Engagement)



Zero Waste Planning Team

**Procurement &
Material Management**

Chris McGough; Nathalie Owen

**DPWES-Solid Waste
Management**

Eric Forbes

Facilities Management

Emmanuel Waleola

Park Authority

Keith Snyder

**FCPS:
Get2Green**

Ali Culhane

**FCPS:
Facilities Management**

Scott Larson

with input from many other County and FCPS departments

What Zero Waste Means to Us

Priority: Prevent waste before it occurs by systematically reducing and reusing



REACH OUT



REDUCE



REUSE



RECYCLE

Aspirational goals for 2030:



Divert 90% of waste from disposal.*



Reduce the overall waste generated by 25% from 2018 levels.

% as based on tonnage/weight

* Diversion = keeping waste out of landfills/incineration

Where We Are Now

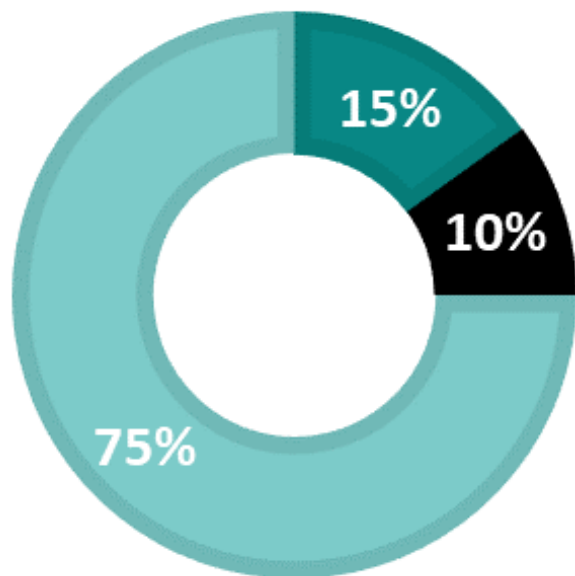
- Operations & Existing Programs
- Diversion Performance
- Waste Audits
- Employee Survey
- Other Communities
- Policies and Regulations
 - VA Executive Order 77



FCPS student recording data for food donation program

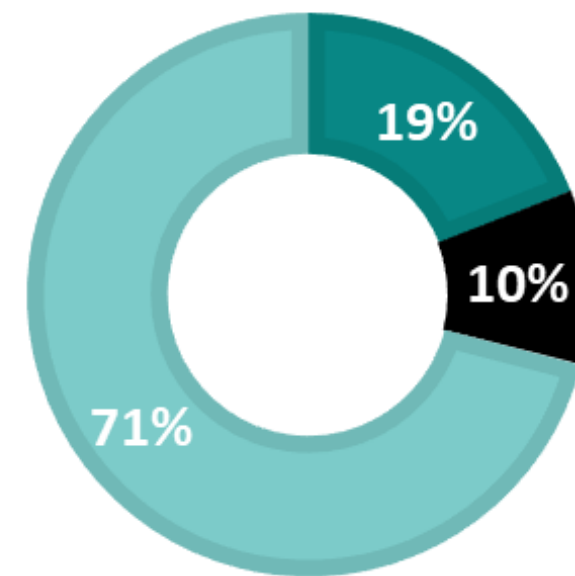
How to Achieve 90% Waste Diversion

COUNTY



- Currently diverted
- To remain as waste
- Diversion opportunities:
 - Track all applicable materials
 - Operational changes
 - Behavioral changes
 - Tech advances

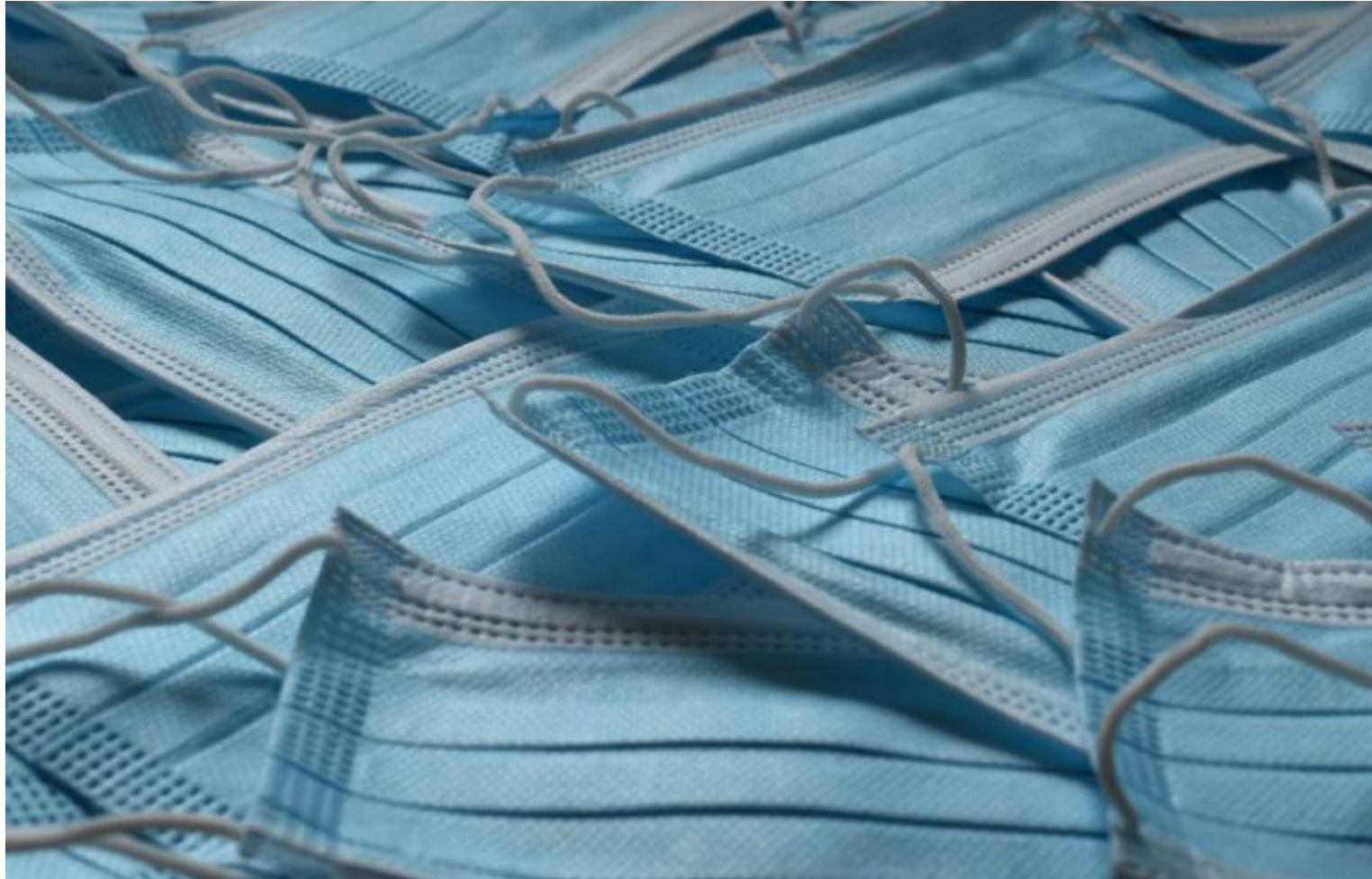
FCPS



Strategies

Theme #1: Culture: Education and Outreach	Theme 2: Program Establishment	Theme 3: Facility Upgrades	Theme 4: Policy Implementation/ Board Directives
1.1 Designate Zero Waste Champions	2.1 Establish Zero Waste Team	3.1 Design and Retrofit for Zero Waste	4.1 Establish a Zero Waste Policy
1.2 Develop Strategies to Recognize, Motivate, and Compensate Staff	2.2 Expand Sustainable Purchasing Program	3.2 Standardize and Increase Waste Receptacles and Signage	4.2 Establish Funding and Allocate Resources Appropriate to Meet Zero Waste Goals
1.3 Develop Educational Resources, Signage and Training	2.3 Establish Commitments by all County Departments and Schools to Participate in Zero Waste Efforts	3.3 Implement Reusable Food Service Ware	4.3 Establish Board Directive/Policy for Organics or a Food Disposal Ban
1.4 Facilitate Action through Campaigns, Toolkits and Guides	2.4 Establish Programmatic Reporting of Activities by County Departments and Schools	3.4 Install Additional Air Hand Dryers	4.4 Establish Board Directive/Policy to Ban Single-use Plastics
1.5 Maximize Opportunities for Student Engagement	2.5 Measure Success: Waste Audits, Reporting, Facility Assessments	3.5 Install Additional Bottle Filling Stations	4.5 Support Legislative Actions at the State and Federal Levels
	2.6 Establish or Expand Alternate Recycling, Reuse, and Recovery Program Partnerships		4.6 Use Events as a Catalyst to Minimize or Eliminate Waste
	2.7 Launch a Reusable Packaging Program		
	2.8 Establish or Expand Edible Food Rescue and Donation Program		

Health, Safety, and Zero Waste



www.waste360.com

How We Will Achieve Zero Waste

- Levels of Involvement
- Required Resources
- Ensuring and Measuring Progress
- Next Steps



www.recycleaway.com



HDR

Next Steps: FY 2022

- Board Approval of Zero Waste Plan
- Establish Implementation Structure
- Implement Some Short-Term Strategies

Questions?

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