Austin Parks and Recreation Department Recycling Program Update

Parks and Recreation Board | April 2018



Liana Kallivoka, PhD, PE, LEED Fellow, Assistant Director Charles Vaclavik, Division Manager, Operations and Maintenance Austin Parks and Recreation Department

.

Agenda

- Applicability of Universal Recycling Ordinance
- Parks and Recreation Department (PARD)
 - PARD Responsibilities
 - Current Recycling Program
- Recycling Pilot Program
 - Goals, Timeline, and Austin Resource Recovery Partnership
 - Aquatics, Metro Parks, Athletic Fields and other park sites

- Education and Outreach Campaign
 - Leave No Trace
- Next Steps
 - Comprehensive Recycling Program
 - Challenges, Approach, and Considerations
- Questions



Universal Recycling Ordinance

• Chapter 15-6, Article 5.

- Requires convenient access to recycling capacity for <u>tenants and employees</u>
- As of October 1, 2017, all commercial properties in Austin are required to have recycling
- City facilities are expected to meet the requirements
- Open spaces, including public parks, are **not** included in the current ordinance



Austin Parks and Recreation Department

Mission

To inspire Austin to learn, play, protect and connect by creating diverse programs and experiences in sustainable natural spaces and public places





Current Recycling Efforts

- All administrative offices have recycling available for employees and visitors
- Recycling is also available at the following public facilities:
 - ✓ All recreation centers
 - ✓ All museums and cultural centers
 - ✓ All special events at parks
- Pilot Recycling Program implementation at selected high-impact facilities





Pilot Recycling Program

- Goal: develop, fund and implement comprehensive recycling
- Steps
 - Build cross-functional recycling team
 - Prioritize facilities with greatest demand for recycling
 - Conduct benchmark waste audit
 - Develop standards for collection system
 - Collect data and evaluate progress
 - Assess budget impact and needs
 - Launch comprehensive recycling program

- Partnership with ARR
 - Evaluate current status of recycling in PARD facilities
 - Conduct site visits and assessments
 - Develop checklists and tools
 - Create guidelines for parks
 - Identify funding opportunities
 - Establish metrics
 - Provide process to add PARD facilities to ARR curbside service routes
- Timeline



Pilot Recycling Program – Aquatics

• Year-round pools

- Deep Eddy
- Barton Springs
- Bartholomew
- Springwoods
- Big Stacy
- Expanding recycling to all seasonal pools
 - 9 pools already recycle using neighborhood recycling routes
 - 3 pools will be added this summer





Pilot Recycling Program – Metropolitan Parks

Three (3) Metropolitan Parks:

Zilker Metro Park

Before:136 Landfill ReceptaclesAfter:60 Landfill / 56 Recycling Receptacles

Town Lake Metro Park

Before:65 Landfill ReceptaclesAfter:31 Landfill / 24 Recycling Receptacles

Walnut Creek Metro Park

Before:79 Landfill ReceptaclesAfter:27 Landfill / 10 Recycling Receptacles





Pilot Recycling Program – District and Neighborhood Parks

District and Neighborhood Parks:

Bull Creek District Park

Before:30 Landfill ReceptaclesAfter:10 Landfill / 10 Recycling Receptacles

Ramsey Neighborhood Park

Before:9 Landfill ReceptaclesAfter:5 Landfill / 5 Recycling Receptacles

Walsh Boat Landing

Before:	10 Landfill Receptacles
After:	1 Landfill / 1 Recycling Receptacle





Pilot Recycling Program – Golf Courses and Athletic Fields

• Golf Courses

5 out of 6 Golf Courses (except Lions)

• Krieg Softball Complex

Before:65 Landfill ReceptaclesAfter:33 Landfill / 33 Recycling Receptacles

Havins Softball Complex

Before:45 Landfill ReceptaclesAfter:9 Landfill / 9 Recycling Receptacles





Leave No Trace: The 7 Principles





- 1. Plan Ahead & Prepare
- 2. Travel on Durable Surfaces
- 3. Dispose of Waste Properly
- 4. Leave What You Find
- 5. Minimize Campfire Impacts
- 6. Respect Wildlife
- 7. Be Considerate of Other Visitors





Next Steps – Comprehensive Recycling Plan

- Identify funding and partnerships to build recycling team, purchase containers, and fund operational expenses
- Continue partnership with ARR to implement recycling at all parks
- Adopt consistent branding for public space recycling:
 - "Recycle on the Go" downtown
 - "Pack it in Pack it out" parks and greenbelts
 - "Leave no Trace"





Implementation Challenges and Approach

Challenges

- Limited Resources
- Financial Impact
- Competing Priorities

Phase I	Phase II	Phase III
 Aquatics Athletic Complexes Metropolitan Parks Golf Courses 	• District Parks	 Neighborhood Parks Remaining Park Facilities



Implementation Considerations

- Education and Outreach
 - Signage
 - Public Awareness Campaign
 - Bull Creek model
- Metrics
 - Establish benchmarks we don't know what we don't measure
- Asset Management
 - GIS mapping of containers





Questions

n At



Liana Kallivoka, PhD, PE, LEED Fellow, Assistant Director Charles Vaclavik, Division Manager, Operations and Maintenance Austin Parks and Recreation Department