



Pinellas County Department of Solid Waste

Recycle Florida Today Environmental
Sustainability Award Submittal

Supporting Data



Transition Plan Timeline



Phase 1

October 2014 – June 2015

Training



Phase 2

July 2015 →

Implementation

SQL

- Teach SQG verification process while training on CWW
- Shadow CWW assessments

CWW

- Teach CWW process to SQG
- Shadow SQG verifications

- Conduct combined CWW & SQG assessments (expanded waste assessments)
- Develop educational resources and materials
- Develop 'leave behind' – "Waste Reduction/Recycling Opportunities" card



Reference Sheet Examples

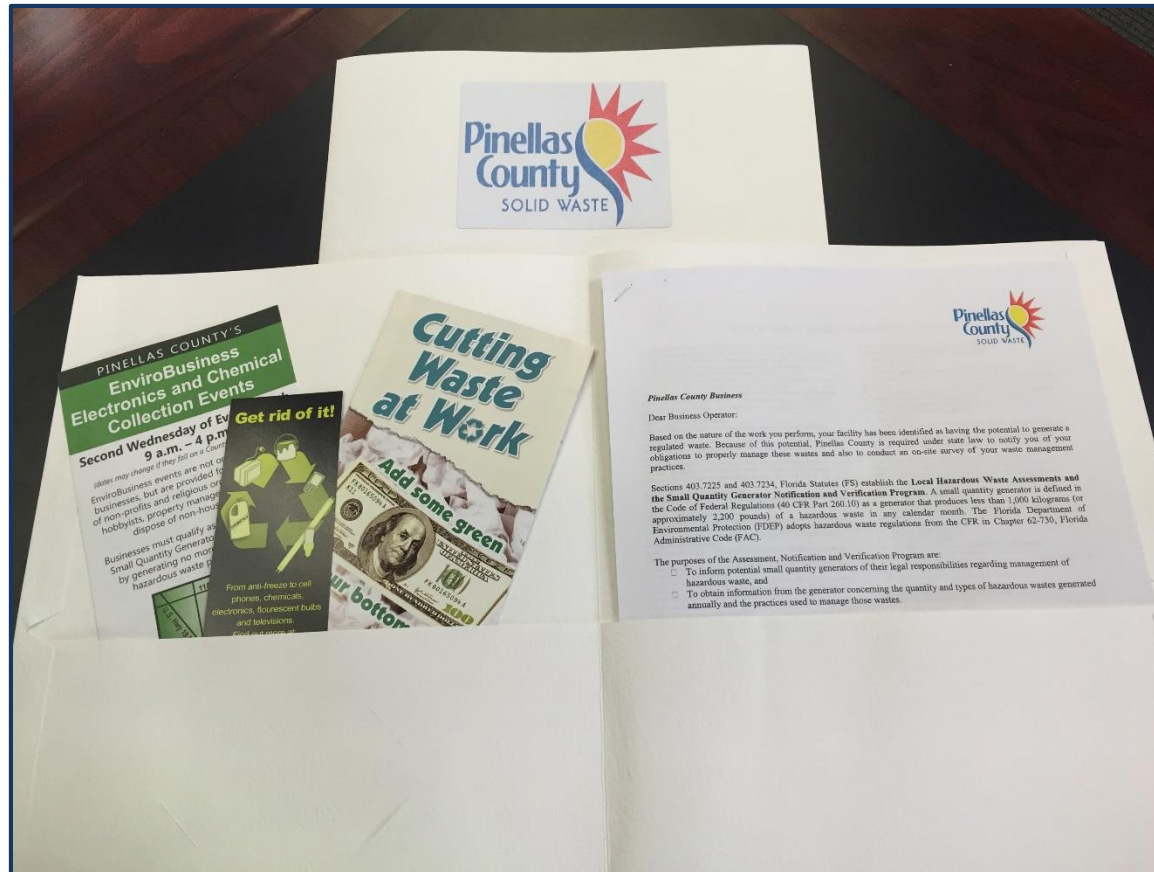
Potential Recycling Rate By Material Weight								
SIC: Auto Body & Paint 7532, Auto Repair/Engine 7538, Marina 4493	Paper	Glass	Metal	Plastic	SS Total	Organic	C&D	Total
	33%	3%	15%	10%	60%	30%	5%	95%

Potential Recycling Rate By Material Weight								
SIC: Drugstore 5912, Lumber 5211, Gen. Merchandise 5399, Grocery 5411	Paper	Glass	Metal	Plastic	SS Total	Organic	C&D	Total
5912:	40%	2%	8%	10%	60%	31%	6%	97%
5211:	21%	8%	6%	7%	43%	15%	39%	97%
5399:	35%	2%	1%	24%	61%	27%	5%	93%
5411:	28%	2%	5%	11%	45%	43%	11%	99%

Potential Recycling Rate By Material Weight								
SIC: Dental 8021, Chiro. 8041, Medical 8011, Vet 0742	Paper	Glass	Metal	Plastic	SS Total	Organic	C&D	Total
	48%	2%	3%	8%	61%	27%	2%	90%



Example Reference Materials Provided to Businesses





Waste Reduction/Recycling Opportunities

Facility Name: _____ Date: _____

Waste can be a resource! Careful management of recyclables can reduce material weight and volume in your garbage dumpsters. This provides an opportunity for cost savings by reducing the size of your dumpsters or how often they are serviced.

During our site visit the following waste reduction opportunities were identified:

<u>Single-Stream Recyclable Materials</u>		
<input type="checkbox"/> Aluminum Cans	<input type="checkbox"/> Cardboard	<input type="checkbox"/> Cartons
<input type="checkbox"/> Glass	<input type="checkbox"/> Mixed Paper	<input type="checkbox"/> Newspaper
<input type="checkbox"/> Office Paper	<input type="checkbox"/> Plastic Bottles #1-2	<input type="checkbox"/> Plastic Containers #1-7
<input type="checkbox"/> Steel Cans		
<u>Other Recyclable Materials</u>		
<input type="checkbox"/> Batteries	<input type="checkbox"/> Bulk Cardboard	<input type="checkbox"/> C&D Materials
<input type="checkbox"/> Electronics	<input type="checkbox"/> Lamps	<input type="checkbox"/> Organics
<input type="checkbox"/> Pallets	<input type="checkbox"/> Printer Cartridges	<input type="checkbox"/> Scrap Metal
<input type="checkbox"/> Secure Shred	<input type="checkbox"/> Other:	

Current Monthly Waste Generation

Cubic Yards	Frequency Per Week	Total	Cubic Yards
_____	_____	_____	_____
	x	x 4.33 =	

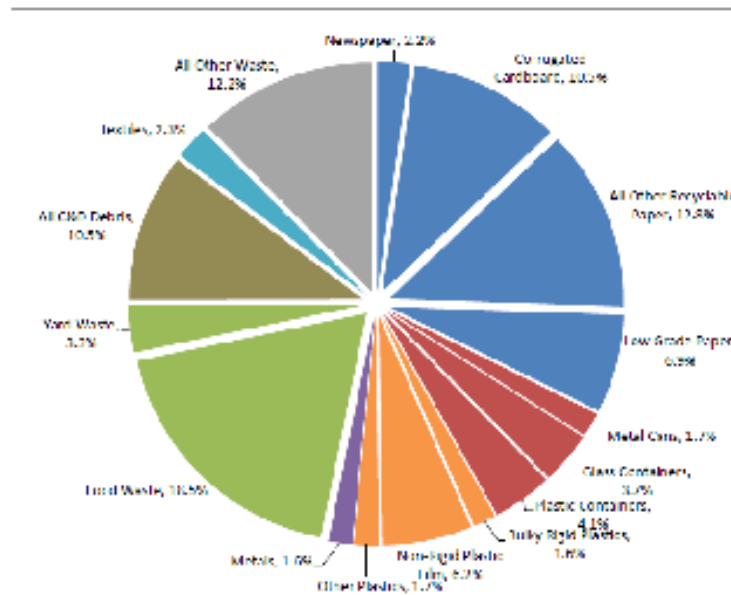
Potential Waste Reduction

Based on your business type, it is estimated you can reduce or recycle up to ____% of your waste.

For more information on taking the next step towards maximizing your waste reduction and recycling, visit:

www.pinellascounty.org/solidwaste/cut-waste-at-work

Pinellas County Business Waste by Weight*



Florida established a statewide goal** to achieve a 75% recycling rate by 2020. In 2014, Pinellas County's recycling rate was 63%.

Waste Reduction Example:

In 2009, a Pinellas County business was able to cut their annual waste disposal **costs in half** by implementing a recycling program and right-sizing their garbage service needs to match; **saving \$5,000 per year.**

Prior to their waste assessment, the business contracted for two 6-yard dumpsters and one 3-yard dumpster collected twice weekly. Observations found one 6-yard dumpster was typically near-empty when collected; therefore even before implementing the recycling program, a cost savings was identified.

The 3-yard dumpster was removed and replaced by adding two 96-gallon recycling bins collected weekly. The business was able to operate with only one 6-yard dumpster and their new recycling bins; thus, allowing for significant waste disposal savings.

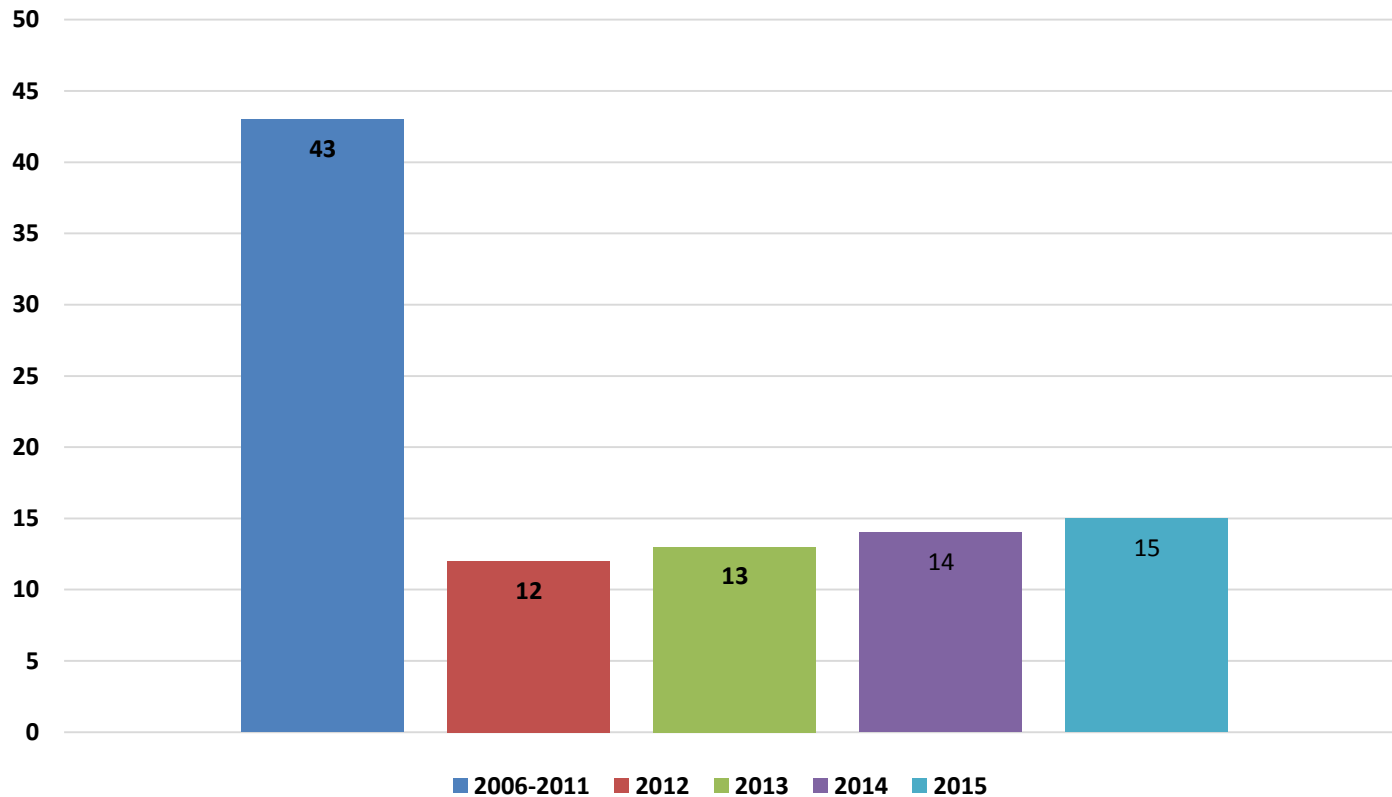
*2014 Pinellas County Waste Composition Study

**Florida Statute 403.7032



Pre-Transition Data

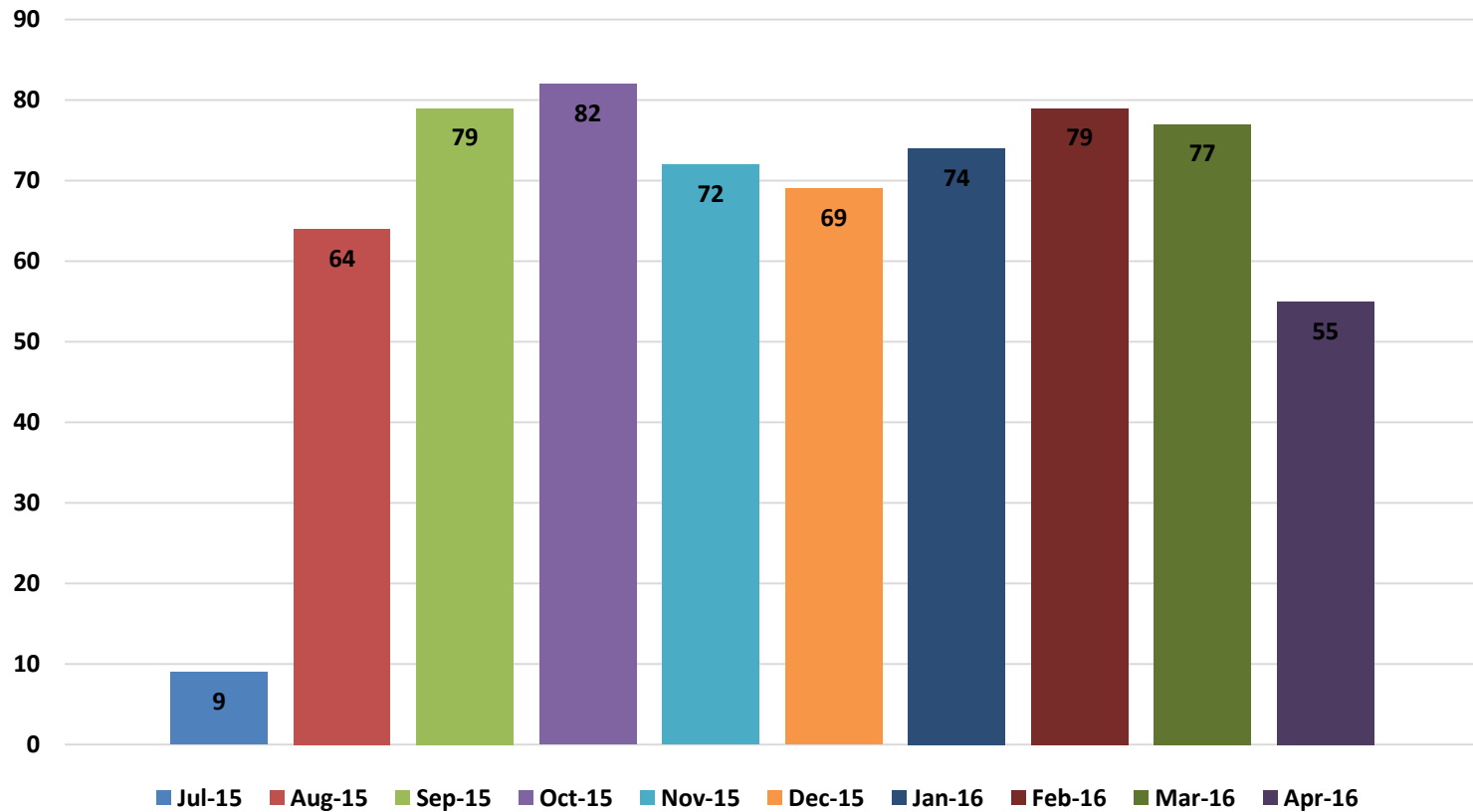
Cutting Waste at Work Assessments





Post-Transition Data

Comprehensive Waste Assessments



PSCU Financial Services

Using Cutting Waste at Work recommendations, PSCU streamlined its garbage hauling schedule, saving several thousand dollars annually.



PSCU staff does the right thing by ordering green-certified paper products, choosing reusable cleaning materials and installing motion detection lighting

controls where possible. They got employees involved by using Pinellas County's Haz-to-Go trailer on site to collect electronics and chemicals from their homes.

The company's "going green" efforts have also boosted its community outreach. During the past three years, in concert with its recycler, PSCU donated \$8,000 to the Ronald McDonald House as a result of increased recycling efforts.

The Poynter Institute

The Institute had a recycling program in place when Cathy Campbell, Director of Project Operations, requested a waste audit. Using Cutting Waste at Work recommendations, the Poynter Institute was still able to increase recycling and streamline their garbage services, saving an estimated \$5,000 per year. According to Cathy, "Who would've imagined a trash audit could produce such great results? This was a win for all involved!"





How does the program work?

Businesses call our staff and have an initial phone evaluation. During the call, county staff will gather background information about your business and operations and will schedule a site visit.

During the site visit, county staff will briefly meet with business participants. Then business participants will take county staff on a tour to show them their waste stream.

After the site visit, Pinellas staff will review all of the information collected and provide you with an Assessment Report and Proposed Recycling Program Plan. **The report will:**

- Summarize current waste collection practices
- Describe the waste stream
- Recommend how to improve or start a recycling program
- Establish a baseline of disposal costs and current recycling rate
- Recommend cost savings and ways to increase the recycling rate. The assessment can also be used to meet a requirement for Green Business Partnership

County staff will follow up with business participants both to collect information and to offer ongoing assistance.



How much does it cost?

Program participation is completely free.

Who is eligible?

Any business located in Pinellas County that needs help setting up a waste reduction or recycling program. There is no minimum size or annual revenue threshold for eligibility – we work with large, medium, and small businesses.

How do I get started?

Call our recycling team at (727) 464-7500 or email recycle@pinellascounty.org.

Pinellas County staff will work with you to study your waste stream, develop a customized waste reduction program, and give you tools to promote the program to your employees. Best of all, it's free!



What is Cutting Waste at Work?

Cutting Waste at Work is a program offered by Pinellas County's division of Solid Waste. The program helps businesses reduce unnecessary waste and establish best practices in recycling. Specifically, the program will look at current practices in the collection and disposal of trash, recyclables, yard waste, electronics and chemicals and recommend improvements.

Why should my business participate?

Businesses make most of Pinellas County's garbage and much of it could be reduced, reused or recycled. Cutting Waste at Work helps the environment—and can help your bottom line.

Benefits to your company:

- Save money by reducing waste disposal costs
- Enhance your company's image by committing to sustainability
- Earn customer and employee appreciation

Benefits to the community:

- Extend the life of the county's only landfill
- Reduce pollution and conserve resources
- Help create jobs in the recycling industry