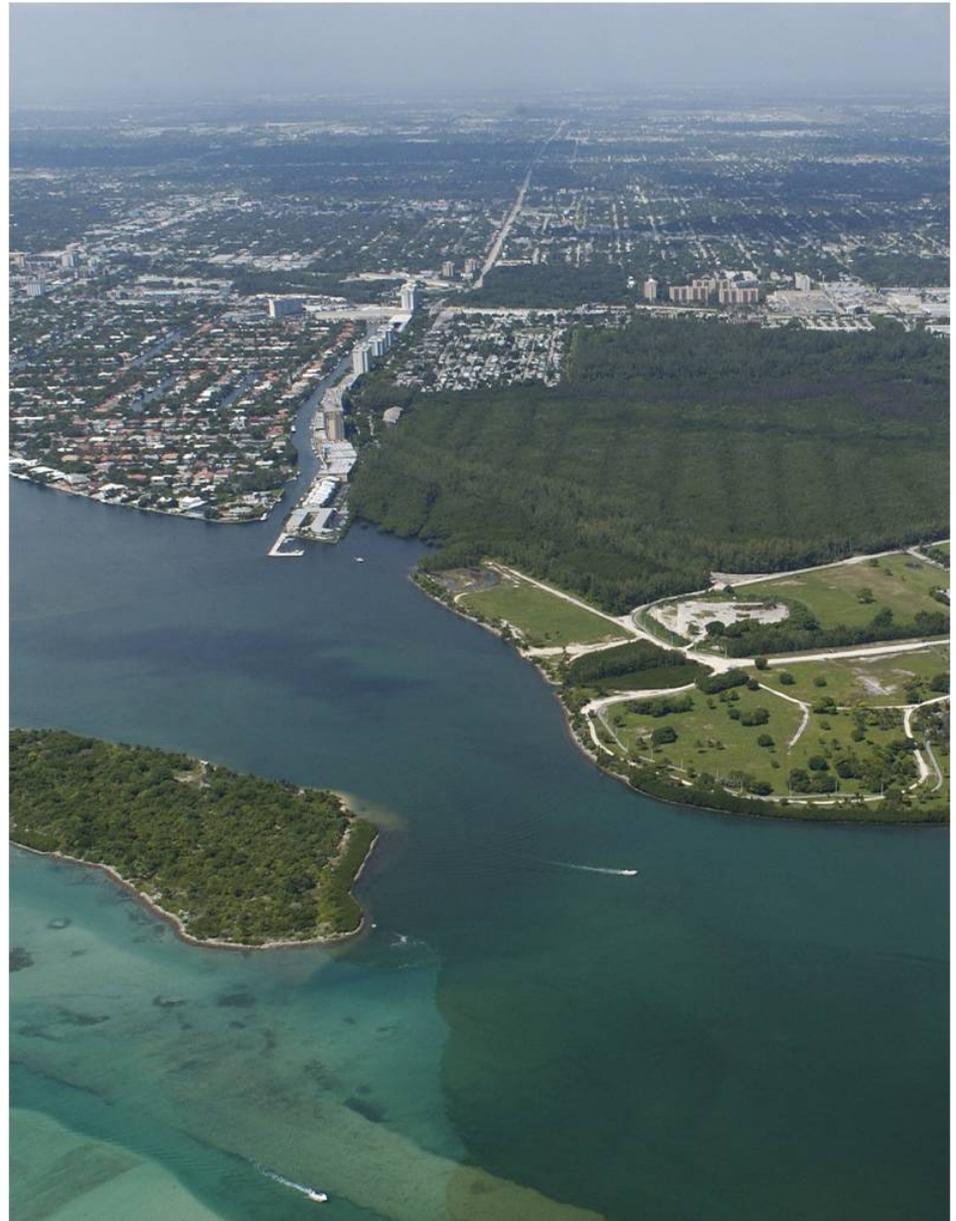


Presented by: Arceli Redila, LEED AP
Community Planning & Development
City of North Miami



City of North Miami

- Located in northeast Miami-Dade county
- Established in the early 1900's
- 5th largest City in Miami-Dade
- Hosts of Biscayne Bay campus of Florida International University and Johnson & Wales University
- Home to the Oleta River State Park and the nationally known and recognized MOCA Museum



Joining Forces with Key Partners

To reinforce the City's commitment to require and build "Greener" more "Sustainable" developments, the City of North Miami, through the Community Planning and Development Department, has partnered with the following agencies in an effort to solicit best practices and to gain additional resources to build a Greener more sustainable community.



RESOLUTION NO. R-2007-125

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA, ENDORSING THE CITY OF NORTH MIAMI'S APPLICATION FOR MEMBERSHIP AND ADOPTING THE FIVE MILESTONES IN THE ICLEI, LOCAL GOVERNMENTS FOR SUSTAINABILITY, "CITIES FOR CLIMATE PROTECTION CAMPAIGN", AS STATED HEREIN; AUTHORIZING THE CITY MANAGER TO SUBMIT ALL NECESSARY DOCUMENTS TO COMPLETE THE APPLICATION FOR MEMBERSHIP OF ICLEI; AND PROVIDING FOR AN EFFECTIVE DATE AND FOR ALL OTHER PURPOSES.

WHEREAS, the Cities for Climate Protection® Campaign sponsored by ICLEI – Local Governments for Sustainability has invited the City of North Miami to join ICLEI and become a partner in the Cities for Climate Protection® Campaign; and

- On September 2007 the City of North passed Resolution number 2007-125 to join ICLEI and become a partner in the Cities for Climate Protection Campaign.

What is ICLEI – Local Governments for Sustainability?

- **International Council for Local Environmental Initiatives**
- An ***association*** of over 1100 local governments that represents the interests of local authorities within the United Nations and at international policy forums.
- A ***movement*** driving positive change on a global scale through programs and campaigns on local sustainability.
- A ***resource center*** offering information, tools, networking, training and consulting services.

5 Milestone Process



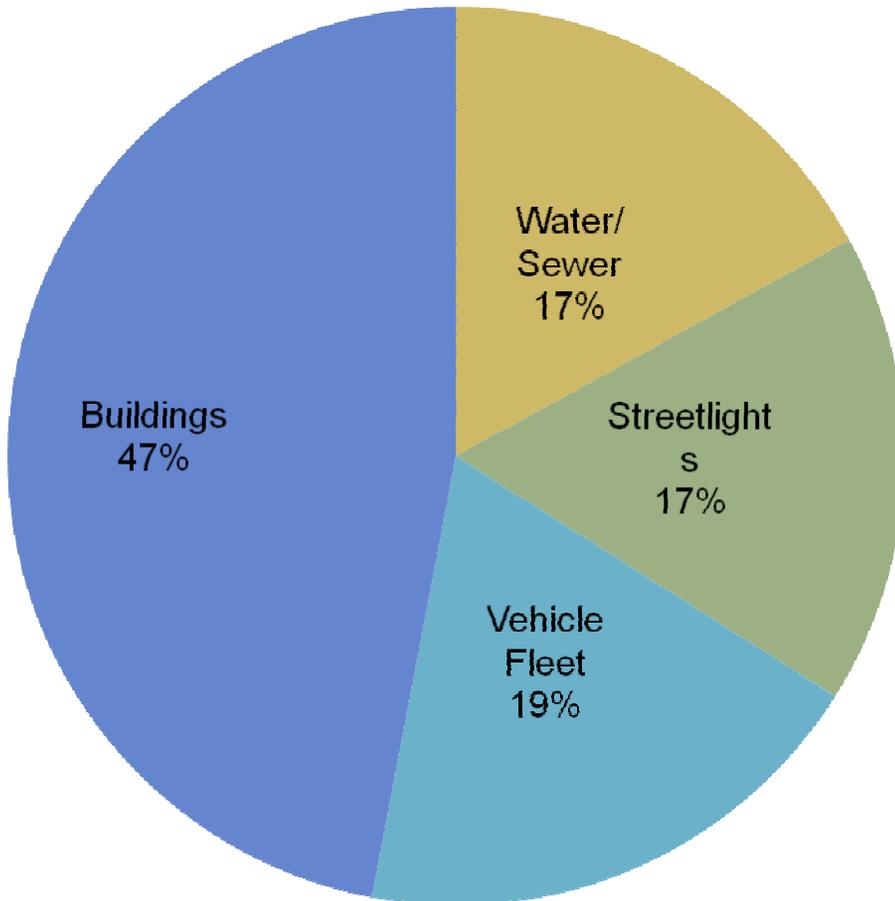
City of North Miami

Greenhouse Gas Emissions Inventory

August 14, 2008



The City partnered with consulting engineering firm, Camp Dresser and McKee, Inc (CDM) to complete the city's baseline GHG emissions inventory using Clean Air and Climate Protection (CACP) software provided by ICLEI.

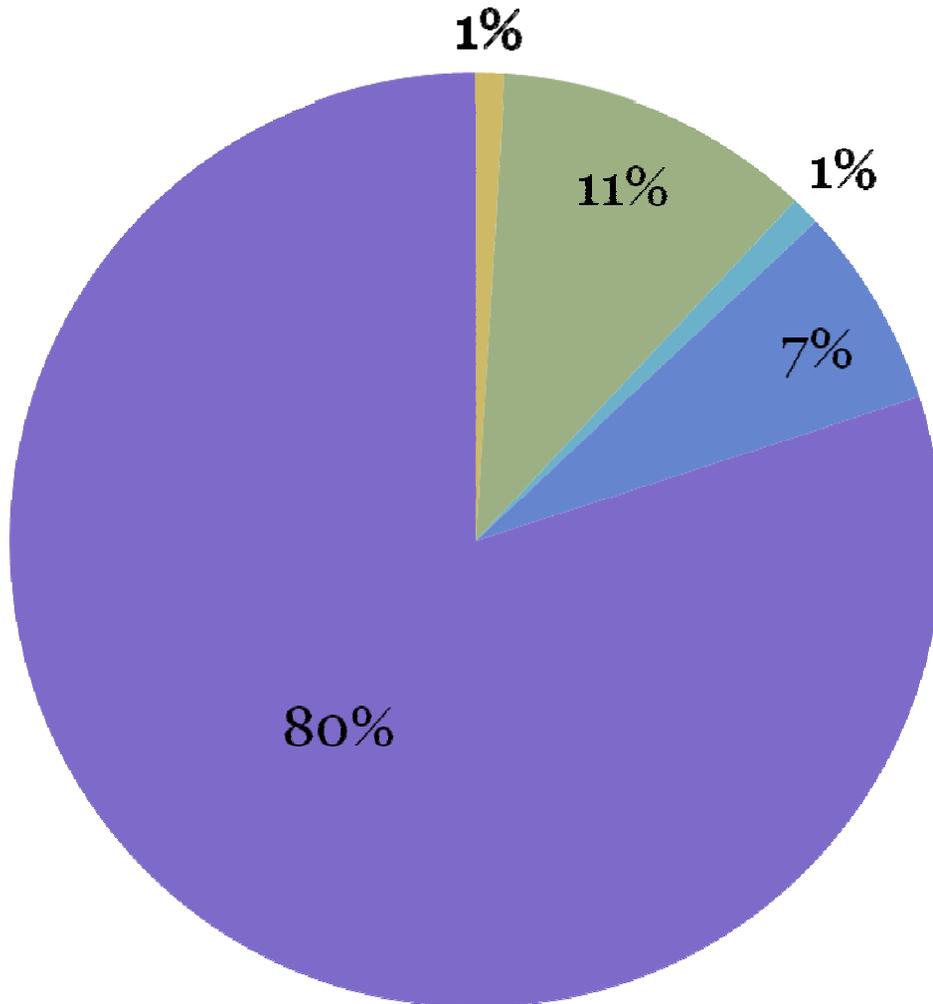


Municipal Emissions

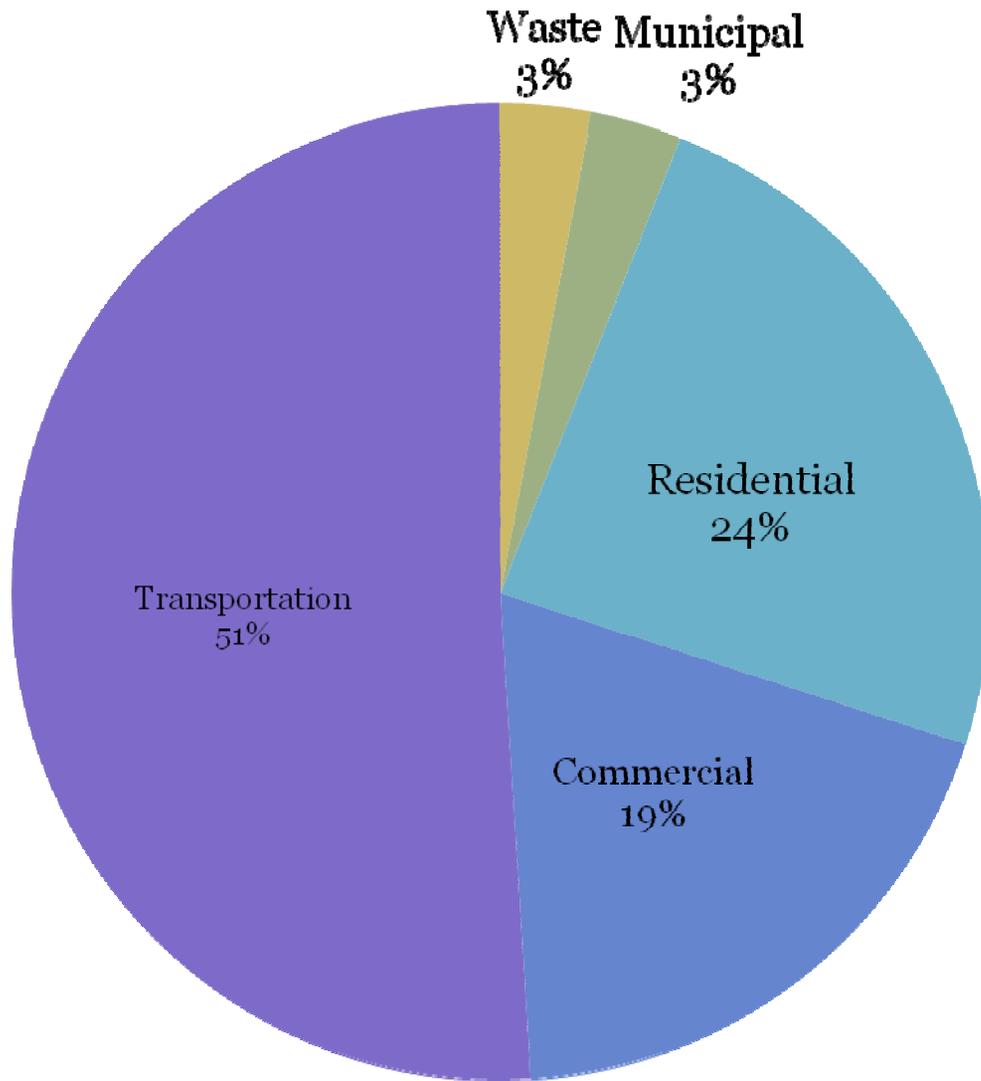
City Operations emissions, including facilities and vehicles, totaled an estimated 18,785 metric tons of CO₂. The largest emission source, 8,831 metric tons of CO₂, originated from the city buildings.

Municipal Emission by Source

- Natural Gas
- Gasoline
- CNG
- Diesel
- Electricity

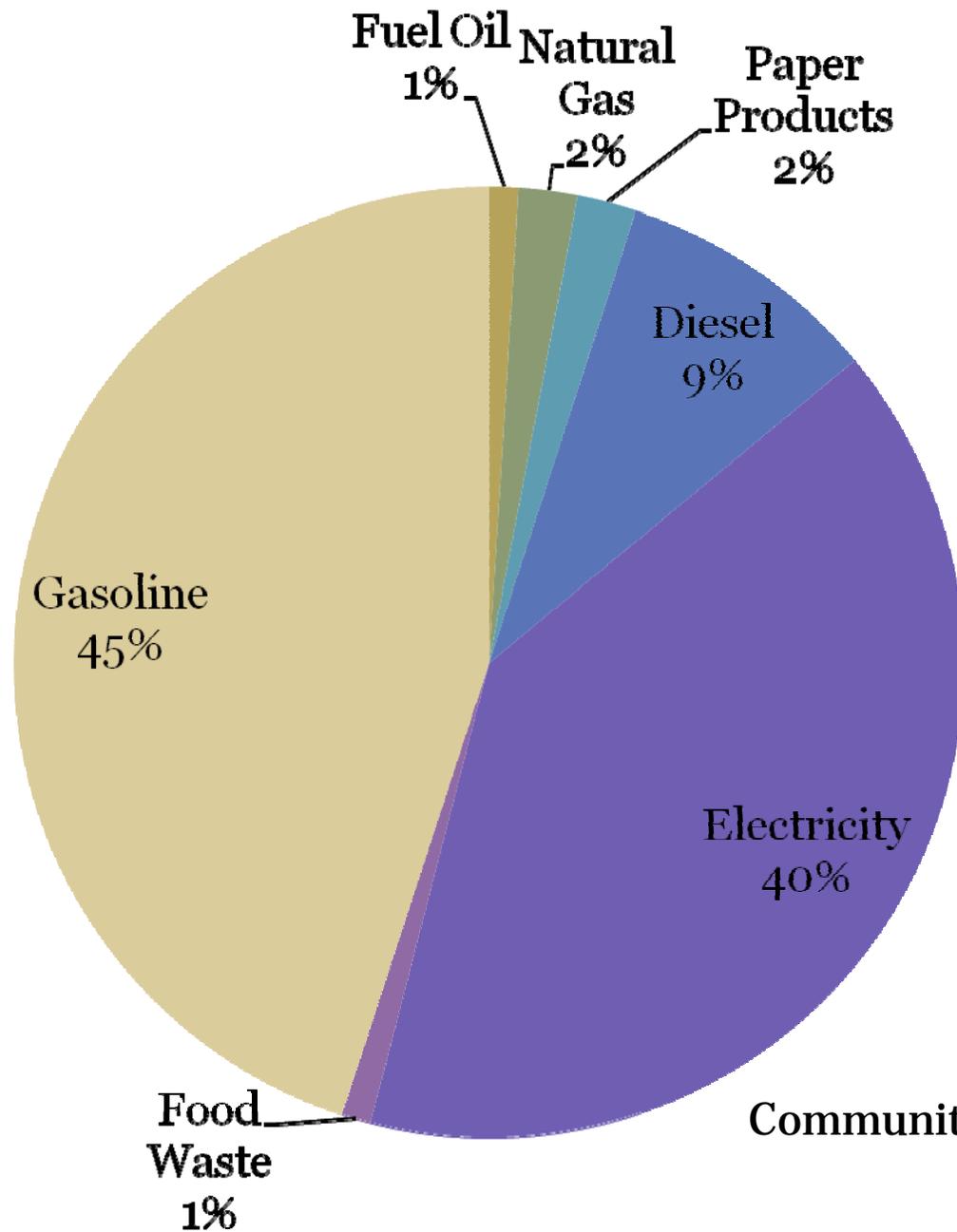


Electricity used in city facilities, including the water plant and other water/sewer facilities, is responsible for the majority of City emissions. A total of 15,171 metric tons



Transportation within the city was responsible for the majority of the GHG emissions.

Community Emissions



Gasoline generated the largest amount of GHG emission followed by electricity and diesel.

Community Emissions by source

Milestone Achievement Award

PRESENTED TO

City of North Miami, Florida

in recognition of leadership and tangible progress toward climate protection

Climate Mitigation Milestones

✓ **Conduct Emissions Inventory And Forecast**

Set Emissions Reduction Target

Develop local Climate Action Plan

Implement Climate Action Plan

Monitor And Verify Emissions Reductions

September 25, 2010



North Little Rock Mayor Patrick Hays

ICLEI-USA Board of Directors Chair

LOCAL ACTION MOVES THE WORLD!

·I·C·L·E·I
Local
Governments
for Sustainability 

green North Miami

- Adopted green policies in the Comprehensive Plan
- Green Team
- Adopted Green Housing Rehabilitation Guidelines, the first in the State of Florida.
- Transit Oriented Development Master Plan
- Construction of Claude Pepper Park Community Center designed to achieve LEED Silver certification
- An active participant in the Energy Star's *Change a Light Pledge*
- Registered FGBC Green Local Government



- **Free Shuttle buses within the city**
- **Buses run on Biodiesel fuel**
- **Reduced MDT monthly bus passes and tokens are sold to residents**

TRANSPORTATION OPTIONS

Providing information and incentives for alternatives to the single-occupant vehicle commute



GREAT EMPLOYEE BENEFITS!

***Miami-Dade Bus Pass
regularly \$100
only \$18***

***Tri-Rail Pass
regularly \$75
only \$18***

**Employees who walk or bike to work
will be eligible for 6 free taxi rides.**

CITY OF NORTH MIAMI

Bike, Park and Ride

A Plan for Connecting Bicycle
Parking and Transit

Prepared for



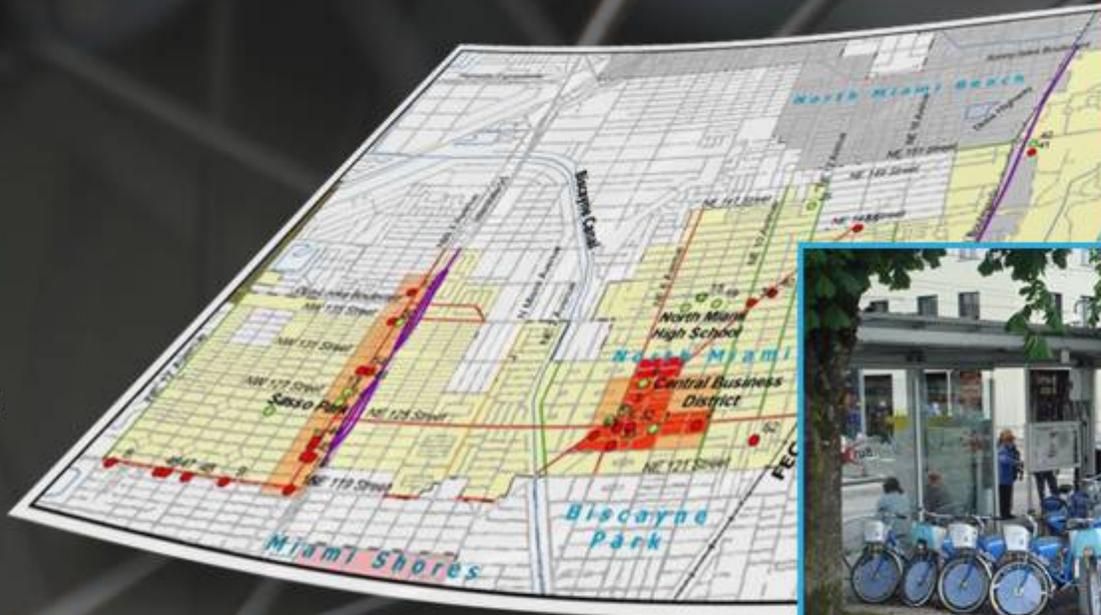
In conjunction with



Prepared by



Kimley-Horn
and Associates, Inc.



JUNE 2009

Reward Based Recycling Program

Radio Frequency Identification (RFID) tag



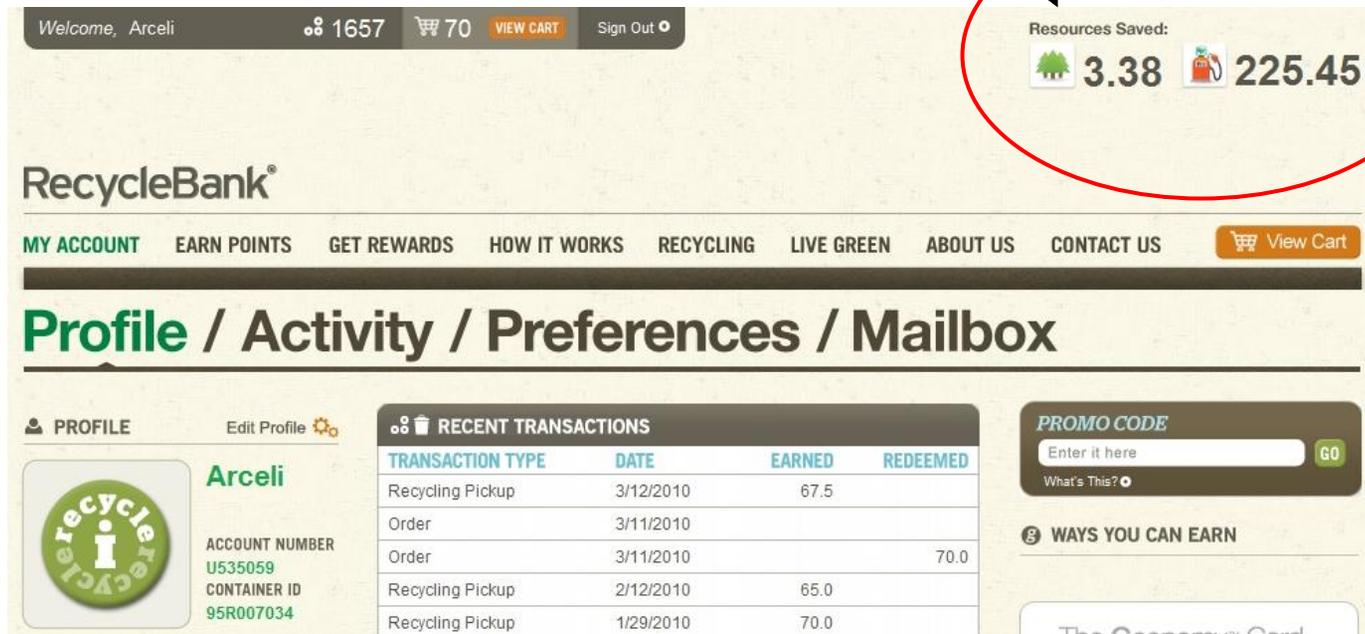
- In March 2009 new 96 gal roll out recycling cart was distributed to approximately 10,000 single family homes in the City.
- North Miami is the first municipality in Southeastern United States to partner with RecycleBank.



Collection Truck

- The collection trucks which has an RFID reader, automated arm scales, and onboard computer pick up recycling every other week and read the recycled trash by weight and translate it into reward points.

- Each household will be able to track their “Environmental Footprint “. They will be able to view the amount of trees and oil their homes has saved by recycling.



Welcome, Arceli 1657 70 VIEW CART Sign Out

Resources Saved: 3.38 225.45

RecycleBank®

MY ACCOUNT EARN POINTS GET REWARDS HOW IT WORKS RECYCLING LIVE GREEN ABOUT US CONTACT US View Cart

Profile / Activity / Preferences / Mailbox

PROFILE Edit Profile



Arceli

ACCOUNT NUMBER
U535059
CONTAINER ID
95R007034

RECENT TRANSACTIONS

TRANSACTION TYPE	DATE	EARNED	REDEEMED
Recycling Pickup	3/12/2010	67.5	
Order	3/11/2010		
Order	3/11/2010		70.0
Recycling Pickup	2/12/2010	65.0	
Recycling Pickup	1/29/2010	70.0	

PROMO CODE Enter it here GO What's This?

WAYS YOU CAN EARN

The Green Card



Questions?