

City of Tampa Annual Sustainability Report 2009



On June 12, 2008, Tampa City Council passed Resolution No. 2008-575, the “Green Resolution”. The resolution specified that an annual report from the City’s Green Officer be submitted to City Council. Specifically Section 2 (6) reads:

“The CGO will provide the City Council with an annual written sustainability report on the City’s progress in regard to all aspects of sustainability including, but not limited to the following:

- (a.) internal energy and water use;
- (b.) efforts to identify and reduce its “carbon footprint”; and
- (c.) effectiveness of its policies and practices that support the use of environmentally responsible products and services.

The annual report will also include data on:

- public and private construction of green versus non-green buildings
- recommendations to Council on new policies and/or ordinances to improve performance by the City and the private sector.

The report that follows is organized consistently with the resolution.

a). Internal energy and water use.

- March 3, 2009 - The Florida Green Building Coalition presented Mayor Pam Iorio with a Florida Green Local Government, Gold Designation Certification for continuous commitment to the environment. The City of Tampa is the second city in Florida to receive a gold designation and was the first to attain a gold level designation on its first submittal.
- March 12, 2009 – Mayor Iorio established the Mayor’s Citizen/TECO Energy Conservation Task Force. The task force mission is to “Provide the Mayor with fiscally responsible recommendations for energy conservation, renewable energy & climate change initiatives for implementation by the City, TECO & the general public. The Task force will focus on recommending conservation initiatives including a public education campaign.”

- June 19, 2009 – Growth Management & Development Services, along with Contract Administration and Public Works, submitted the City’s Energy and Efficiency Conservation Block Grant. The award letter was received on October 27, 2009. Projects include:
 - Retrofit of garage lighting in 5 city garages;
 - Changing out over 360 intersection to LED lights;
 - Installing Energy Management Systems in multiple City buildings.
- August 21, 2009 – Contract Administration released a Request for Information (RFI) entitled Energy Efficiency and Alternative Energy Solutions. The submission deadline was October 8, 2009. Sixteen submittals were received and are under review. This RFI effort was to seek available companies whose products and services could assist the City to achieve greater levels of energy conservation and resource efficiency.
- September 4, 2009 - The City of Tampa completed a study on the effective utilization of its vehicles and equipment. Mercury Associates Inc. analyzed the City’s more than 3,000 vehicles and equipment fleet to ensure it is sized and equipped appropriately, utilized efficiently, and acquired economically. 212 vehicles, including heavy equipment, will be removed from the City fleet and will not be replaced. This reduction of vehicles will assist in the City’s overall effort to reduce its carbon emissions.
- During 2009, an internal Conservation Committee was formed. Its mission is to “establish a robust conservation program to conserve and reduce our use of fuel, power and water in our operations and facilities.” The committee is comprised of the city’s Green Officer, Chief of Staff, and senior staff members from most city departments.
- During 2009, the Tampa Water Department posted upwards of 50 “tip of the week” water conservation tips over the course of the year. These tips are an ongoing reminder and encouragement for Tampa citizens to continue to conserve water.

b). Efforts to identify and reduce the City’s “carbon footprint”.

- January 16, 2009 – The Super Bowl XLIII Environmental Program planted four 30-gallon Live Oak trees along downtown Tampa’s River Walk. The Florida Division of Forestry arranged for long term monitoring of the environmental impact, as these trees absorb greenhouse gases and air pollution. The tree planting was part of the overall greening of Super Bowl XLIII done by the NFL. They partnered with the Tampa Bay Super Bowl Host Committee and worked closely with the city’s green officer and various other city departments. Funding was provided by the US Forest Service, Home Depot, and the State of Florida Division of Forestry.
- January and February 2009 - The Super Bowl XLIII Environmental Program collected more than 34 tons of recyclable materials which were diverted from landfills. The NFL Environmental Urban and Community Forestry Initiative planted approximately 2,000 trees at 26 different sites throughout Tampa Bay. The Florida Division of Forestry will

include these plantings in their monitoring program. The trees, as they continue to grow, will assist the bay area in carbon sequestration.

- April 22, 2009 - Mayor Iorio and the Rampello Downtown Partnership School celebrated an Earth Day project by planting a Florida-Friendly tree and using a water-conserving, micro-drip irrigation method. A native Dahoon Holly, was donated by the Parks and Recreation Department's Community Tree Program. The Dahoon Holly is well suited for an urban setting and helps purify the air, provide food for wildlife, pollen for bees and shade. The micro-drip "watering donut" is a rubberized, water filled inner tube which provides slow release irrigation directly to the root area, minimizing evaporation and runoff.
 - April 22, 2009 – Earth Day activities continued as Mayor Pam Iorio with Tampa Downtown Partnership unveiled a new recycling program in downtown Tampa and the Channel District. Twenty newly designed receptacles for recycling plastic and aluminum were placed throughout downtown and the Channel District.
 - June 19, 2009 – Growth Management & Development Services, Contract Administration and Public Works submitted the City's Energy and Efficiency Conservation Block Grant. The City's award letter was received on October 27, 2009. A portion of the grant money will be used to conduct the green house gas emissions baseline inventory study.
 - The City of Tampa continues to use and purchase bio-diesel and ultra-low diesel fuels to reduce our carbon footprint and lower our green house gas emissions. In FY08, 103,234 gallons of bio-diesel was purchased; in FY09, 92,238 gallons was purchased.
 - October 13, 2009 - The City of Tampa Department of Solid Waste and Environmental Program Management was the recipient of a 2009 Solid Waste Association of North America bronze award in the Waste-to-Energy category. The award was presented to the City for the McKay Bay Refuse-to-Energy Facility. The waste to energy facility reduces the amount of trash going to the landfill, thereby reducing methane gas emissions, which is another greenhouse gas.
 - October 17, 2009 - Approximately 100 trees were planted in the Grant Park Neighborhood as part of a carbon offset tree planting ceremony. Through this project, volunteers will continue to work with neighborhood residents on additional planting projects and cleanups. The project was a collaborative effort between the University of South Florida Sustainability Conference and Going Green Expo Steering Committee, the USF Florida Center for Community Design and Research, the Grant Park Neighborhood Association, the City of Tampa Parks and Recreation Department, the Mayor's Beautification Program, ECO2ASSET SOLUTIONS, and the USF's Iota Theta Fraternity.
- c). **Effectiveness of its policies and practices that support the use of environmentally responsible products and services.**

- January 10, 2009 – The City of Tampa Solid Waste and Environmental Program Management hosted a separate electronics collection in response to the switch from analog to digital televisions. This was a proactive event to allow for the proper and environmentally safe disposal of electronics.
- March 28, 2009 – The City of Tampa participated in the Great American Clean Up. This event is designed to support beautification projects, clean up efforts, adopt-a-street, trash receptacle programs and recycling awareness. New this year, the Green Armada organized cleanup efforts on the Hillsborough River. The Green Armada is a local non-profit dedicated to cleaning up debris out of Tampa Bay's waterways.
- April 25, 2009 –The City of Tampa Department of Solid Waste and Environmental Program Management hosted the first of its bi-annual Household Chemical and Electronics Collection Day. 957 people took advantage of the opportunity to safely dispose of electronics and chemicals. 42 tons of hazardous waste was collected and disposed of in an environmentally responsible manner and over 27 tons of electronics were recycled.
- July 3, 2009- The City of Tampa's Department of Solid Waste & Environmental Program Management discontinued holiday make-up days for the collection of residential waste following single-day observed holidays. Collections resume on the next regularly scheduled pick-up day. Two-day holidays are not affected. The reduced operations of Solid Waste vehicles help reduce green house gas emissions and conserve fuel resources.
- September 1, 2009 - The City of Tampa, in partnership with the Sustany Foundation Inc., a not-for-profit organization that promotes a culture of sustainability, initiated the Green Business Designation Program. The mission of this is to review and validate the green and sustainable practices of the local business community. To date, three businesses have been certified as a Green Business, with two more under review. The businesses certified will be featured on the city's Green website.
- October 24, 2009 - The City of Tampa Department of Solid Waste and Environmental Program Management held its second household chemical and electronics collection day, which provided residents the opportunity to safely dispose of unwanted chemicals and electronics at no charge, and in an environmentally-responsible manner.

Public construction of green versus non-green buildings.

- February 19, 2009 – The Howard F. Curren AWTP roofing installation project removed existing built up roofing systems at the Digester Control Bldg. (approx. 8,000 sq.ft.), Screen and Grit Bldg. (approx. 24,000 sq.ft.), and Meter Vault No. 2 (approx. 900 sq.ft.) and re-roofed utilizing cool roofing improvements. These improvements save energy and help reduce resource consumption.
- June 4, 2009 – The Ballast Point Boat Ramp Improvement project provided sea grass mitigation, rehabilitation of existing boat ramp and dock including sheet piling,

extension of timber dock and piling, extension of precast concrete boat ramp, and rip-rap. All these improvements assist in improving water quality and improving the aquatic environment for marine life.

- June 22, 2009 - The Columbus Municipal Office Building, located at 3402 W. Columbus Drive was opened. Some of the green building features incorporated into the design included replacement of multiple aging roof top HVAC units with a high energy efficient central plant, a new Cool Roof which reduces the “heat island” effect of the building, hands free faucets and water fixtures to reduce water consumption and waste, light sensors, and recycled materials for various components are used throughout.
- August 18, 2009 - The construction of Fire Station 22, an 8,660 s.f. facility, includes site work, landscaping and irrigation utilizing Florida friendly materials and electrical, which includes minor photovoltaics. The building will be constructed to meet LEED silver level standards.
- August 20, 2009 – The Historic Old City Hall Window Replacement contract was awarded. Replacement of windows and related material, structural repair, sealant and painting improves the energy efficiency of the building.
- October 10, 2008 - The City of Tampa's Marjorie Park Marina was awarded the Clean Marina designation by the Florida Department of Environmental Protection. Marjorie Park Marina has instituted sound environmental practices, encouraged proper boating habits and promoted clean waterways. This award shows that the facility has demonstrated a commitment to environmentally friendly policies that go above and beyond standard regulatory requirements.

Private construction of green versus non-green buildings.

- Attachment ‘A’ is a project list of those privately owned buildings that have been certified by the United States Green Building Council (USGBC) to have achieved the specified LEED rating. The source of this information is the official USGBC web site as of January 2010.
- Attachment ‘B’ is a project list of those privately owned buildings that have registered with the USGBC with the intent to achieve a specified LEED rating. The source of this information is the official USGBC web site as of January 2010.

New policies and/or ordinances to improve performance by the City and the private sector.

- Community Gardens – The necessary code changes to allow community gardens throughout the city were included in the July 2009 Cycle of Chapter 27 revisions and scheduled for adoption in July of 2010.
- Chapter 13 automatically reduces use of turf area 5% per year through 2013. This program started in 2009 by lowering turf area percentages from 50% configured with a permanent irrigation system to 45%. In 2010, the allowable percentage will be 40%

and percentages will drop by 5% per year in effect bringing allowable turf area down to 25% by 2013.

- Land Development Coordination is working on Community Planning through Form Based Codes. This program is currently underway in Seminole Heights and scheduled for areas of 40th Street and Tampa Heights. Form-Based code maximizes efficiency and environmental quality for drainage, transit and transportation, use of public right of way and pedestrian connectivity.
- The city has issued a Request for Proposal for salvaging and deconstruction activities for our Neighborhood Stabilization Program. Houses and structures slated for demolition through programs utilizing city funding opportunities will be offered to not-for-profits to salvage materials prior to the final demolition work. This practice will decrease the amount of demolition debris brought to the landfill.
- Non-ferrous metals recovery has been implemented at the McKay Bay waste to energy facility to capture metals not currently recycled. The activity was approved by Council and equipment has been installed and is currently operational.
- The city is working with Planning Commission to develop a transit oriented development option in the new comprehensive plan and ultimately in City's land development regulation codes.

ATTACHMENT A

| Project Name | Owner | LEED Rating |
|--------------------------------------|------------------------|-------------|
| Chancey Office Building | CDP Holdings, LLC | Certified |
| The Oaks @ Cross-Town | Crescent Resources | Certified |
| Gensler | | Silver |
| 100 North Tampa | Prudential | Silver |
| USAA SE REGIONAL OFFICE | USAA | Gold |
| Walker Brands | Walker Brands | Gold |
| Woodland Corp Center Office Building | Liberty Property Trust | Gold |

ATTACHMENT B

| Project Name | Owner | LEED Rating System |
|---|---|---------------------------------------|
| 005_Parsons Residence | | LEED for Homes (Single Family) 1.0 |
| 100 North Tampa | Prudential | LEED EB O&M |
| 1518 S. Georgia | | LEED for Homes (Single Family) 1.0 |
| 200 S. MacDill | | LEED CS 2.0 |
| 220 W 7th Ave Office Building | Ivy - 220 W 7th Ave Tampa, LLC | LEED CS 2.0 |
| 4200 West Cypress Street | | LEED EB O&M |
| Angeles | | LEED for Homes (Single Family) 1.0 |
| Bayport Plaza | | LEED EB 2.0 |
| Chancey Office Building | CDP Holdings, LLC | LEED NC 2.2 |
| Collman and Karsky Architects Office | Collmand and Karsky Architects, Inc. | LEED CI 2.0 |
| CORNERSTONE ONE | CRESCENT RESOURCES, LLC | LEED CS 1.0 Pilots Only |
| CORPORATE CENTER FOUR @ INTERN | CRESCENT RESOURCES, LLC | LEED CS 1.0 Pilots Only |
| Del Villar | | LEED NC 2.2 |
| DLA Piper | | LEED CI 2.0 |
| Envirofocus Hygiene Building | | LEED NC 2.2 |
| Florida Business Interiors | | LEED CI 2.0 |
| Fribley House | Hugglestone.com | LEED CS 2.0 |
| Gensler | | LEED CI 2.0 |
| Green Dog Wash 200 S. MacDill Ave | | LEED CI 2.0 |
| HCC Ybor City Campus Student Services | | LEED NC 2.2 |
| Henderson Residence | | LEED for Homes (Single Family) 1.0 |
| HIDDEN RIVER - CORPORATE CENTE | CRESCENT RESOURCES, LLC | LEED CS 1.0 Pilots Only |
| I-75 Pasco County Rest Area Northbound | FDOT | LEED NC 2.2 |

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|---|--|-------------|
| I-75 Pasco County Rest Area Southbound | FDOT | LEED NC 2.2 |
| JCSE Squadron Facility | | LEED NC 2.2 |
| M&I Bank Plaza | | LEED EB O&M |
| MetLife FM Portfolio 5 | | LEED EB O&M |
| MetLife FM Portfolio 6 | | LEED EB O&M |
| MetWest International | | LEED CS 2.0 |
| One Urban Centre | | LEED EB O&M |
| Premier Beverage Office & Warehouse | | LEED NC 2.2 |
| Prime Meridian Center | | LEED CS 2.0 |
| Renaissance Building 6 | | LEED CS 2.0 |
| Renaissance Building 6 - Tenant Fit Out | | LEED CI 2.0 |
| Sangria's Tapas Bar & Restaurant | | LEED NC 2.2 |
| Skanska USA Building Inc Tampa Office | | LEED CI 2.0 |
| Tampa Bay History Center | | LEED NC 2.2 |
| Tampa City Center | Mainstreet RE | LEED EB O&M |
| Tampa General Hospital NICU | | LEED NC 2.2 |
| The Grande at SoHo | | LEED NC 2.2 |
| The Oaks @ Cross-Town | Crescent Resources | LEED NC 2.2 |
| The Pointe | | LEED EB O&M |
| Two Urban Centre | | LEED EB O&M |
| University of South Florida, ISA | USF Facilities Planning and Construction | LEED NC 2.2 |
| USAA SE REGIONAL OFFICE | USAA | LEED EB 2.0 |
| USF Wellness and Nutrition Center | University of South Florida | LEED NC 2.2 |
| Walker Brands | Walker Brands | LEED NC 2.2 |
| Waterset Lakeside Club | | LEED NC 2.2 |
| West View Corporate Center, Bldg 2 | Rubenstein Partners | LEED CS 2.0 |
| West View Corporate Center, Bldg 3 | Rubenstein Partners L.P. | LEED CS 2.0 |