

**Florida Department of Environmental Protection  
FY 2007-08 INNOVATIVE GRANT APPLICATION FORM**

**Project Information (on applicant letterhead)**

- 1) Applicant Name:** City of Fort Lauderdale
- 2) Primary contact person:** Casey Eckels
- 3) Complete Address:** Fort Lauderdale City Hall  
100 N. Andrews Avenue  
Fort Lauderdale, FL 33301
- 4) Telephone Number(s) (including SunCom number):**  
  
(954) 828-5577
- 5) E-mail address:** CEckels@fortlauderdale.gov
- 6) Project Title:** *Beaches, Boats and Bars:  
Greening Florida's Biggest Industries*
- 7) Grant Request Amount:** \$297,500
- 8) Length of project (months):** 18 months

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Authorizing Signature

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Title

## **PROJECT ABSTRACT**

(No more than 20 lines. Every word over 20 lines will constitute a one point deduction.)  
(do not delete the instructions on this page)

As best stated by our City Manager, Fort Lauderdale's beaches are "the jewel in the crown." With more than 10 million visitors to greater Fort Lauderdale annually, our City Council has made a commitment to "green" the City's image and its operations. Part of this "green" vision is implementing a sustainable beach recycling program. Through this project, we aim to take this goal a step further by implementing a **comprehensive Recreational Waste Reduction program**. By comprehensive, we mean not only placing recycling containers along Fort Lauderdale's beaches, but also establishing recycling programs in *marinas and businesses along the beaches*. While the City relies on its beautiful beaches to support its tourist trade, the marine industry has actually surpassed tourism as the #1 industry in the greater Fort Lauderdale area. This project will establish a sustainable program that targets the City's greatest assets and significant waste generating sectors.

On the beaches, we will use innovative Alfa recycling containers, which are large capacity containers installed partially below ground. They require less frequent service than standard containers, thereby reducing labor and fuel costs. To maximize materials recovery, we will develop "wraps" or wrap-around signs that will envelop the containers, making them easily identifiable as recycling containers and helping to "brand" the recycling program. City Sanitation will service the Alfa containers, ensuring long-term viability of the program.

With marinas, we will start our enlistment efforts with the certified Clean Marinas that do not have recycling programs, and then expand beginning with the largest marinas. For beachside businesses, we will focus on bars, restaurants, hotels, condominiums, and other businesses that generate significant quantities of recyclables. Both marinas and businesses will be able to take advantage of the competitive recycling service rates in the City's recycling contract. They will also receive technical assistance, educational materials, and guidance in right-sizing waste collection services (i.e., commercial pay-as-you-throw).

# **PROJECT DESCRIPTION**

(1 page)

Fort Lauderdale plans to implement the State's first *comprehensive* Recreational Waste Reduction program. The program will go beyond the occasional recycling container on the beach – it will include the following three elements:

- 1) Recycling containers along the most heavily used sections of the City's five-mile public beach;
- 2) Recycling and waste reduction in beachside businesses, such as bars, restaurants, hotels, and condominiums; and
- 3) Recycling and waste reduction at marinas and yacht clubs.

Tourism is one of the greater Fort Lauderdale area's biggest industries, valued at \$8.5 billion dollars in 2005.<sup>1</sup> It is second only to the marine industry, which accounted for \$13 billion in total economic impact.<sup>2</sup> Through this project, the City of Fort Lauderdale will strive to "green" the area's largest industry sectors and greatest economic assets – its beaches, beachside businesses, and marinas.

**Beaches:** On the beaches, we will install Alfa recycling containers, which boast the unique feature of large capacity, in-ground storage. They require less frequent servicing than standard containers, thereby reducing labor and fuel costs. The containers are also more durable than standard containers. They have a 5-year warranty, but are touted by the manufacture as having a life expectancy of more than 20 years. The City has piloted these containers with much success (44% waste diversion). We hope to improve upon these results by developing educational "wraps" that will envelop the containers, making them easily identifiable as recycling containers and helping to "brand" the recycling program. We have already identified locations for the containers and are prepared to service the containers using City Sanitation staff.

**Marinas:** Fort Lauderdale currently has three DEP-certified Clean Marinas, but only one has a recycling program in place. We initially will start our marina enlistment efforts with the certified Clean Marinas that do not have recycling, and then expand beginning with the largest marinas in the City. We will work with the marinas to assess their waste streams and identify waste reduction and recycling opportunities. We will assist in identifying container locations, developing signage and educational materials, and right-sizing waste collection services (i.e., commercial pay-as-you-throw). The marinas will be able to piggyback on the City's recycling contract in order to obtain competitive service rates.

**Beachside businesses:** We will begin by focusing on those types of businesses that generate the greatest amount of recyclables, i.e., bars, restaurants, hotels, and condominiums. These businesses also will be able to piggyback on the City's contract and we will provide the same types of services as the marinas. As further incentive to recycle, we will use grant funds to help offset contractor collection costs during program start-up. This will allow time to right-size waste collection services and demonstrate the value of waste reduction and recycling to the business. We will develop educational materials for beachside businesses such as flyers, brochures, table tents, and a how-to guide to educate the public and train business staff.

We will document the cost-effectiveness and efficiency of the program by tracking recovered tons, evaluating recovery rates and contamination levels through waste sorts, and documenting service needs. We will also assess the reactions of beachgoers and marina users to the program through personal surveys. Lastly, we will conduct an overall cost-benefit analysis. This information will be compiled in a final Recreational Waste Reduction report that will be useful to other coastal communities, as well as any community interested in establishing a recycling program in public parks, recreation areas, marinas, or other facilities that attract large numbers of people. The City is committed to greening its beaches and beachside areas and to making this program a sustainable part of its solid waste management operations.

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<sup>1</sup> Greater Fort Lauderdale Convention and Visitors Bureau website ([www.sunny.org](http://www.sunny.org)).

<sup>2</sup> Thomas J. Murray & Associates, Inc., *Economic Impact of Recreational Marine Industry Broward, Miami-Dade and Palm Beach Counties – 2005*, 2006.

# **Criteria 1: TECHNOLOGIES or PROCESSES**

(1 page)

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(20 points) The range of scoring is between 0 and 20 points, with up to 10 points for meeting one of the following sub-criteria, up to 15 points for meeting two, and up to 20 points for meeting all three. Note: applicant may adjust space used to address each sub-criteria.

## **Sub-criteria 1 – Not in common use in Florida.**

Based on an email survey of County Recycling Coordinators, we are aware of only three Florida cities or counties that have beach recycling programs of some form, but none that have the type of comprehensive Recreational Waste Reduction (RWR) program that we are proposing.

Florida has over 800 miles of beaches and is home to two of the top ten beaches in the U.S. according to Dr. Beach (Dr. Stephen P. Leatherman, FIU Laboratory for Coastal Research). Florida's tourism industry is valued at over \$65 billion annually.<sup>3</sup> Florida is in need of the type of comprehensive RWR program that we are proposing. We are not aware of a similar program that takes this three-pronged approach to reducing wastes associated with recreational activities: (1) recycling on the City's beach, (2) recycling in beachside businesses, and (3) and recycling in marinas and yacht clubs.

## **Sub-criteria 2 – Novel application of an existing technology or process.**

The City of Fort Lauderdale has successfully piloted the Alfa recycling container; however, these containers have been used in full-scale projects in other locations.<sup>4</sup> Through this project, we plan to demonstrate their effectiveness in a full-scale Florida program, and the feasibility of utilizing them on a much broader scale throughout the State. Alfa containers are unique in that they are large (30" in diameter and 8 feet tall) and are buried 5 feet below ground. Their large size reduces the frequency of service to four or five week intervals and their in-ground placement helps to naturally cool deposited materials, which aids in preventing odors. Through this project, we will also demonstrate the feasibility of a comprehensive Recreational Waste Reduction program that includes not only beaches but also beachside businesses and marinas. In the latter, we will build upon the successes of the state's Clean Marina certification program by striving to work with certified Clean Marinas in the City that have not yet established recycling programs.

## **Sub-criteria 3 – Overcoming obstacles to recycling/waste reduction in new or innovative ways.**

1. Pinellas County recently completed a beach recycling pilot program, which, despite receiving 99% beachgoer support, encountered obstacles. The greatest obstacle was finding a cost-effective way to service recycling containers and to transport recovered materials to a processing facility. Our project will overcome this obstacle by utilizing a combination of (1) highly efficient Alfa recycling containers and (2) City Sanitation staff and infrastructure to service the containers.

2. Another lesson learned in the Pinellas County project is the need to have highly visible, easily identifiable recycling containers. We plan to address this obstacle by developing brightly colored, clearly labeled "wraps" for the Alfa containers. These "wraps" or wrap-around signs will have program-specific graphics and verbiage – a theme – that will "brand" the program. This branding or theme will be extended to our educational materials and signage for businesses and marinas, making the program recognizable throughout the City's recreational venues.

3. Cost-effective collection service also has been an obstacle to business recycling. Our project will overcome this obstacle by allowing beachside businesses and marinas to piggyback on the City's recycling collection contract and rates associated with that contract. In addition, we initially will help offset recycling collection costs for participating businesses and marinas to allow time to assist them in right-sizing their waste collection service and to demonstrate the benefits of recycling to their bottom line.

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<sup>3</sup> VISIT FLORIDA Tourism Research (<http://media.visitflorida.org/about/research>).

<sup>4</sup> Based on information provided by Vesa Vanska with Alfa Containers.

## **Criteria 2: TARGETS**

(1 page)

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(10 Points) Demonstrate innovative processes to collect and recycle or reduce these targeted materials/sectors: Construction and Demolition Materials, Commercial/Institutional Sectors, Hurricane Debris, Pay-As-You-Throw and Waste Tires. Note: if the proposed project also includes materials/sectors other than those targeted by this criteria, the project will receive less than the maximum 10 points allocated for the criteria.

This project focuses entirely on the commercial sector. Specifically, we will target recyclables generated at the City's beaches, beachside businesses, and marinas.

The target audience for this program is huge – more than 10 million people visited the greater Fort Lauderdale area in 2005.<sup>5</sup> This is more than half the total population of the State. Broward County has 47,254 registered boats (more boats than the populations of over 1/3 of the counties in the State), 477 licensed hotels and motels (more than 10% of the statewide total), and 3,248 licensed food service establishment (also about 10% of the statewide total).<sup>6</sup> The hotels in the greater Fort Lauderdale area have an annual occupancy rate of 75%.<sup>7</sup> However, tourism (valued at \$8.5 billion) is no longer the leading industry in our area; it has been eclipsed by the marine industry (valued at \$13 billion) as the #1 industry in the greater Fort Lauderdale area.<sup>8</sup> We will focus on these key industry sectors by targeting beachgoers, beachside businesses (including bars, restaurants, hotels, and condominiums), and marinas in our comprehensive Recreational Waste Reduction program.

During our pilot beach recycling program using Alfa containers, a 44% *waste diversion rate* was achieved. Applying this to the 87 tons of waste that are collected on the City's beaches each year would amount to about 38 tons of recyclables from the beach recycling portion of this project alone. We plan to significantly increase this diversion rate by creating theme-based wrap-around signs for the Alfa recycling containers to make them more noticeable, as well as including beachside businesses and marinas in our Recreational Waste Reduction program.

This project also includes a pay-as-you-throw element. Not only will we assist beachside businesses and marinas with establishing waste reduction and recycling programs, we will also assist them with right-sizing their waste collection services, which is commercial pay-as-you-throw.

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<sup>5</sup> Greater Fort Lauderdale Convention and Visitors Bureau website ([www.sunny.org](http://www.sunny.org)).

<sup>6</sup> Bureau of Economic and Business Research, *Florida Statistical Abstract 2005*, University of Florida.

<sup>7</sup> Greater Fort Lauderdale Convention and Visitors Bureau website ([www.sunny.org](http://www.sunny.org)).

<sup>8</sup> Thomas J. Murray & Associates, Inc., *Economic Impact of Recreational Marine Industry Broward, Miami-Dade and Palm Beach Counties – 2005, 2006*.

## **Criteria 3: BENEFITS/ COST-EFFECTIVENESS**

(1 page)

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(25 points) Demonstrate the potential economic, environmental, and cost-effectiveness of the program's approach. Note: applicant may adjust space used to address each sub-criteria.

### **Sub-criteria 1 - Environmental Benefits (5 points).**

- **Methodology-** This program will target beachgoers, beachside businesses, and marinas. Recyclables represent an estimated 62% of beach waste<sup>9</sup>, 32% of restaurant/bar waste<sup>10</sup>, and 50% of lodging waste<sup>11</sup>. We anticipate that recyclables also comprise a large portion of marina waste. Based on our Alfa container pilot, we project that the beach recycling portion of this project alone will achieve over a 40% waste diversion rate. Our technical assistance to beachside businesses and marinas will not only include recycling, we also will educate them about waste prevention, environmentally preferable procurement, and other "green" business practices. These combined efforts should result in significant overall waste reduction by these commercial sectors.

- **Toxicity -** Environmentally preferable purchasing will be part of our "green" business education, which will include the use of less toxic products at marinas and beachside businesses. In addition, because of the way in which Alfa containers are serviced, potential exposure to harmful items that might be in the waste stream, such as sharp objects, hypodermic needles, and toxic compounds, is eliminated.

### **Sub-criteria 2 – Economic Benefits (5 Points).**

The primary direct economic benefits of this project are as follows:

- Recyclables diverted from disposal will result in over \$92 *per ton* in avoided disposal fees.
- In addition, we will bid out a contract to process the beach recyclables, which we believe will generate at least \$50 per ton in revenue.<sup>12</sup>
- Corrugated cardboard collected from small beachside businesses and marinas will generate about \$45 to \$65 of revenue per ton for the City.
- By helping beachside businesses and marinas to right-size their waste collection services after initiating waste reduction programs, we will be assisting them in reducing their waste collection and disposal costs.

Additional economic benefits include those realized by the processors through maximizing facility throughput and marketing the recovered materials. In addition, businesses and marinas should benefit from the positive image and goodwill created from being a "green" business.

### **Sub-criteria 3 – Cost-Effectiveness (15 Points).**

This project will document the cost-effectiveness of using Alfa recycling containers in a full-scale project. According to the manufacturer, these containers reduce vehicle fleet and staffing needs, injuries encountered when handling standard recycling containers, and ongoing maintenance requirements. Savings of more than 60% are reported by the manufacturer. We predict about a 40% reduction in labor costs alone. Although initial capital investment in this project appears large, it should have significant pay-back in the long-term. For example, Alfa containers cost approximately \$1,300 each, but when amortized over a reported 20-year useful life cost about \$65 annually. City Sanitation staff will service the containers, further maximizing the cost-effectiveness of the beach recycling portion of this project.

This project also will make cost-effective use of the City's existing recycling contractor. Businesses and marinas will be able to piggyback on our recycling contract, which will allow them to achieve lower collection rates than might be available if contracting individually for this service. Overall, we plan to develop a model Recreational Waste Reduction program that is practical, cost-effective and replicable in other locations, and that preserves the priceless value of our beaches and recreational facilities.

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<sup>9</sup> Kessler Consulting, Inc., *Pinellas County Beach Recycling Pilot Program Report*, October 2006.

<sup>10</sup> California Integrated Waste Management Board (CIWMB) website ([www.ciwmb.ca.gov/WasteChar/BizGrpCp.asp](http://www.ciwmb.ca.gov/WasteChar/BizGrpCp.asp)).

<sup>11</sup> CIWMB.

<sup>12</sup> Based on the anticipated makeup of recovered materials, current market indices, and processing revenue received in other locations.

## **Criteria 4: SUSTAINABILITY:**

(1 page)

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(25 points) Demonstrate the sustainability of the proposed program.

Fort Lauderdale's beaches are "the jewel in the crown" according to our City Manager. The City Council is committed to sustainable citywide beach recycling as part of its goal to "green" the City's image and its operations. A "green" city resolution is being prepared for release on America Recycles Day. This citywide greening initiative, the \$56,000 the City is committed to investing in this project, and the significant in-kind labor dedicated to this project are clear indications of our commitment. If funded, this program will become a **permanent** part of the City's solid waste management infrastructure.

We are committed to using City Sanitation staff on an ongoing basis to service the recycling containers placed on the beach and the corrugated cardboard containers at small businesses. We already have piloted the Alfa containers and believe they offer an economically feasible method to collect recyclables on the beach.

To help ensure that businesses and marinas that initiated waste reduction and recycling programs during the grant period continue these programs, we will take the following approach:

1. Provide assistance during development of the program to make it as easy and convenient as possible for staff to participate.
2. Provide educational materials and training to staff to explain what it takes to make a waste reduction and recycling program successful.
3. Demonstrate the cost-effectiveness of the program by assisting businesses and marinas to right-size their waste collection service so they realize the long-term economic benefits of waste reduction and recycling.
4. Continue to allow beachside businesses and marinas to piggyback on the City's recycling contract in order to achieve competitive service rates.
5. Develop case studies that can be used to promote waste reduction and recycling to other businesses throughout the City.

After the grant period is over, we will continue to provide technical assistance to beachside businesses and marinas through our commercial outreach program. In fact, we plan to take the lessons learned during this project and use them as we spread our waste reduction efforts westward beyond the beach areas and marinas.

In summary, this program will be sustainable because of its long-term cost-effectiveness. Container costs are reasonable when amortized over 20 years (\$65 per container per year) and servicing them should be cost-effective because of savings in fuel and labor costs. The City would not be making such a large financial commitment if we were not serious about the long-term sustainability of this program. The City would like to partner with the State on this project so that we can document the program and its cost-effectiveness to serve as a model for Florida.

## **Criteria 5: TRANSFERABILITY**

(1 page)

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(10 Points) Demonstrate transferability of technology and processes and specify how the project will promote transferability. Note: applicant may adjust space used to address each sub-criteria.

### **Sub-criteria 1 – Transferability of technology and processes (5 points).**

This project will be directly transferable not only to Florida's coastal communities that are home to 800 miles of the country's most popular beaches, but also to *all* communities that attract boaters and tourists. The 83.6 million out-of-state visitors to Florida in 2005 spent about \$62 billion.<sup>13</sup> Nearly 83% of these visitors came here for leisure, with several of the top activities being shopping, sightseeing, and beaches. This program targets two of the biggest industries *throughout* the State – tourism and the marine industry.

Through this project, we will document the effectiveness of a comprehensive Recreational Waste Reduction program in terms of waste diversion and recovery rates. We will also conduct a cost-benefit analysis to demonstrate the economic benefits of the program. We will determine whether the efficiencies reported by the Alfa container manufacturer are achieved in real world application. In particular, we will evaluate whether the cost differential of these containers is offset by their operational efficiencies. We will also evaluate the effectiveness of the container "wraps" in branding the program and making the recycling containers more noticeable.

The educational materials developed for use by beachside businesses and marinas, such as brochures, flyers, table tents, and a how-to guide, should be of value to other county and city Recycling Coordinators. In addition, educational materials developed for the marinas will be shared with DEP's Clean Marina Program to serve as examples or for use in other locations.

### **Sub-criteria 2 – How project will promote transferability (5 points).**

We will promote this project within the City through our website, outreach to business associations, and normal media outlets. We will promote transferability within Broward County by sharing project results directly with Recycling Coordinators in other municipalities and at period countywide meetings, such as the Resource Recovery Board.

We also will promote transferability outside of the City by posting the final program evaluation report, educational materials, and any supplemental materials on the City's website. To conserve paper, we will send an email to DEP's list of County Recycling Coordinators with a brief program summary and notification of the availability of this information. Seeing is believing, so we also will offer site visits to any interested parties. In addition, we will share project results through normal avenues, including conference presentations, press releases, and journal articles. We will also contact SWANA to determine the possibility of preparing a presentation for one of their upcoming online training sessions.

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<sup>13</sup> VISIT FLORIDA Tourism Research (<http://media.visitflorida.org/about/research>).

## Criteria 6: LOCAL SUPPORT

(1 page)

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(10 Points) Demonstrate local support for the proposed project in commitment of cash or in-kind matching funds. Please provide the name, address and phone number of ALL contributors. (Points will be allocated for only those contributors located within the jurisdiction of the applicant.)

- **00 points**    **0% up to and including 1% of total project cost**
- **01 points**    **Greater than 1% up to and including 10% of total project cost**
- **02 points**    **Greater than 10% up to and including 20% of total project cost**
- **03 points**    **Greater than 20% up to and including 30% of total project cost**
- **04 points**    **Greater than 30% up to and including 40% of total project cost**
- **05 points**    **Greater than 40% up to and including 50% of total project cost**
- **06 points**    **Greater than 50% up to and including 60% of total project cost**
- **07 points**    **Greater than 60% up to and including 70% of total project cost**
- **08 points**    **Greater than 70% up to and including 80% of total project cost**
- **09 points**    **Greater than 80% up to and including 90% of total project cost**
- **10 points**    **Greater than 90% up to and including 100% of total project cost**

Total Project Budget	\$426,400
Total Grant Request	\$297,500
Cash Match	\$ 56,000
In-kind Match	\$ 72,900
<b>Total Local Match</b>	<b>30.23%</b>

All local support, both cash and in-kind, will be contributed by the City of Fort Lauderdale. Provided below are the names, addresses, and phone numbers of staff members who will be contributing to this project. Additional Sanitation and other City staff will assist with various parts of the project, such as container installation, collection services, equipment procurement, etc.

- Casey Eckels    Recycling Coordinator, Fort Lauderdale City Hall, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301, 954-828-5577
- Greg Slagle    Superintendent, Fort Lauderdale Public Works Department, 949 N.W. 38th Street, Fort Lauderdale, FL 33309, 954-828-5341
- Ed Udvardy    Assistant Director, Fort Lauderdale Sanitation Department, 949 NW 38th Street, Ft. Lauderdale, FL 33309, 954-828-5057

The cash match of \$56,000 is to purchase 43 Alfa containers. The in-kind match of \$150,000 is primarily staff time to perform the following activities:

- Develop the program plan,
- Research and procure the Alfa containers and equipment,
- Place the “wraps” on the Alfa containers,
- Install the Alfa containers on site,
- Develop educational materials,
- Conduct outreach to businesses, marinas, and business associations,
- Recruit and provide technical assistance to beachside businesses and marinas,
- Service the Alfa containers,
- Participate in the waste composition study and beachgoer survey,
- Administer and oversee the project, and
- Complete progress and final reports.

# BUDGET

(1 page using Budget Table Template)  
(do not delete the instructions on this page)

Describe the project's budget allocated by task and budget categories per the Budget Table Template available from DEP's Innovative Grants web site in Microsoft Excel digital format ([www.dep.state.fl.us/waste/categories/recycling/pages/InnovativeGrants2007-08.htm](http://www.dep.state.fl.us/waste/categories/recycling/pages/InnovativeGrants2007-08.htm)).

Applicant: CITY OF FORT LAUDERDALE						Project Title: BEACHES, BOATS AND BARS: GREENING FLORIDA'S BIGGEST INDUSTRIES					
<b>Budget</b>											
(1) <b>Tasks</b>	<b>Categories</b>								<b>Local Match</b>		(12) <b>Total Grant Request</b>
	(2) Personnel	(3) Travel	(4) Equipment	(5) Supplies	(6) Contractual*	(7) Construction	(8) Other	(9)* Total Budget	(10) In-Kind Match	(11) Cash Match	
Develop Program Plan	\$2,000.00				\$4,000.00			\$6,000.00	\$2,000.00		\$4,000.00
Educational Materials and Outreach	\$2,500.00				\$5,000.00		\$10,000.00	\$17,500.00	\$2,500.00		\$15,000.00
Implement Beach Recycling Program**	\$35,400.00		\$80,000.00	\$164,500.00	\$7,000.00			\$286,900.00	\$35,400.00	\$56,000.00	\$195,500.00
Implement Beachside Business Program	\$7,500.00				\$17,000.00			\$24,500.00	\$7,500.00		\$17,000.00
Implement Marina Program	\$7,500.00				\$14,000.00			\$21,500.00	\$7,500.00		\$14,000.00
Waste Composition Study, Data Analysis and Summary Report	\$3,000.00				\$16,000.00			\$19,000.00	\$3,000.00		\$16,000.00
User Survey and Summary Report	\$4,000.00				\$6,000.00			\$10,000.00	\$4,000.00		\$6,000.00
Program Evaluation and Report	\$2,000.00				\$5,000.00			\$7,000.00	\$2,000.00		\$5,000.00
Project Management and Oversight	\$5,000.00				\$10,000.00			\$15,000.00	\$5,000.00		\$10,000.00
Progress and Final Reports	\$4,000.00				\$15,000.00			\$19,000.00	\$4,000.00		\$15,000.00
<b>TOTALS</b>	<b>\$72,900.00</b>	<b>\$0.00</b>	<b>\$80,000.00</b>	<b>\$164,500.00</b>	<b>\$99,000.00</b>	<b>\$0.00</b>	<b>\$10,000.00</b>	<b>\$426,400.00</b>	<b>\$72,900.00</b>	<b>\$56,000.00</b>	<b>\$297,500.00</b>

\* NOTE: Column 9 is the total of columns 2 through 8. It also should equal the total of columns 10 through 12.

Percentage Match 30.23%

\* Contractual assistance includes the City's recycling contractor (to collect recyclables at businesses and marinas) and consultant assistance to the City.

\*\* The City will pay for 43 Alfa containers, placement of wrap-around signs on containers, container installation, and servicing containers.