

A Countywide Comprehensive Electronics Recycling Demonstration Project : Final Report

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Prepared For:

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Contract SW 213 Final Report

Table of Contents

Executive Summary

- ❖ Project Outlines & Introductions
- ❖ Map of Counties Serviced

Section A

Project Evolution and Development

1. Evaluation and Customizing A County's Electronic Recycling Program
2. Building Collaboration between Intergovernmental Agencies
3. Identification and Targeting of Business and Nonprofit Agency Collection Sources
4. Community Awareness and Promotional Campaign Description for Residential Collections
5. Community Donation of Repaired Computers/Monitors to Nonprofit Agencies
6. ARC Broward Marketing Campaign

Section B

Narrative Reports by County

7. Orange County
8. Seminole County
9. Lake County
10. Marion County
11. Brevard County
12. Volusia County
13. Indian River County
14. Broward County
15. Nassau County
16. Osceola County

Section C

Cost Summary

- 17. Building Project Efficiencies Through Resource Leveraging and Contractor Contributions
- 18. Breakdown of Budget and Cost by Category
- 19. Cost Comparison Between State Contract and Citrus County Pricing

Section D

Conclusions and Recommendations

- 20. What Worked
- 21. Lessons Learned

Appendices

Appendix A – Charitable Contributions, Advertising & Public Service Announcements

Appendix B – Material Breakdown by County (Counts & Weights)

Appendix C – Pictures, News Clips & Collection Notices

Executive Summary

Countywide Comprehensive Electronics Recycling Demonstration Project: Final Report Executive Summary

Florida is particularly vulnerable to the environmental damage that can result from heavy metals such as lead, cadmium, mercury, and hexavalent chromium. In response to these concerns, the 2001 Florida Legislature authorized (403.71851, Florida Statutes) the Florida Department of Environmental Protection (DEP) to fund a “countywide comprehensive electronics recycling” demonstration project (Demonstration Project). the Demonstration Project Request For Proposals called for a comprehensive, regionally based approach that would enable designated counties to establish their own electronics recycling infrastructures over an 18-month period, while also helping other counties to enhance existing programs. This project is intended to serve as a model to be applied in other parts of the state.

In May 2002, Creative Recycling Systems, Inc. (CRS) was selected to implement the Demonstration Project in diverse sections of peninsular Florida. Much of the area served by this Demonstration Project is in Central Florida, but it also included counties in the northern and southern parts of the state that collectively reflect the rural, urban, and suburban demographics found within Florida as a whole.

Building Partnerships Maximizes Effectiveness

The Demonstration Project focused on Brevard, Broward, Indian River, Lake, Marion, Nassau, Orange, Seminole, and Volusia counties. From its inception, CRS viewed this project as an opportunity to improve Florida’s overall electronics recycling capability. The company placed a high priority on creating a public/private electronics recycling partnership that used the complementary strengths of each to best advantage. Besides the inherent advantages of such a broad-based alliance, it would encourage subsequent funding from both the private and public sectors so that the local infrastructures resulting from the Demonstration Project could be sustained. CRS reinforced the impact of this public/private partnership through its flexibility in leveraging company resources, along with what was provided by the Demonstration Project.

This strategy made it possible for participating counties to implement specially tailored recycling programs without the additional facilities, staff, or other expenses that would logically accompany an undertaking of this magnitude. While this approach proved especially valuable in counties where electronics collection and recycling infrastructures were built from scratch, CRS also applied it to consolidate operations in counties where these services were in effect prior to the Demonstration Project.

Each county identified specific priorities through ongoing consultations with CRS officials. The company’s expertise in collecting and safely managing large quantities of potentially hazardous electronics at cost enabled local solid waste departments to attain

DEMONSTRATION PROJECT FINAL REPORT EXECUTIVE SUMMARY

their objectives. Toward this end, CRS also encouraged close collaboration between a wide range of government agencies, businesses, and nonprofit organizations. For example, more than forty local and county government entities utilized company services through the Demonstration Project contract.

By efficiently applying the Demonstration Project revenue and its own resources, CRS was able to furnish substantial value to all concerned (especially taxpayers).

This Final Report illustrates the significant achievements that resulted from the duration of the Demonstration Project. We believe that it also illustrates the value of sustaining electronics recycling infrastructures where they now exist, and the importance of applying the lessons learned from the Demonstration Project throughout Florida.

Mobilizing Public Awareness and Participation

CRS made a concerted and systematic effort to reinforce local efforts in this regard. For example, it created a comprehensive database of local businesses in each county. Thousands of businesses received information describing the advantages of electronics recycling as a result. The mailings preceded the collection of office electronics by CRS in each target area, and were followed by telephone contact.

CRS personnel then met with a wide assortment of business leaders to answer their specific questions and concerns. This not only created awareness of the urgency associated with recycling end-of-life office electronics, but also led to recycling collections from a wide variety of businesses within the area served by the Demonstration Project.

While community awareness of the need to recycle end-of-life electronics was significantly enhanced throughout each county participating in the Demonstration Project, there was a major difference in promotional strategies depending on the county involved. However, there was often a direct correlation between the priority placed on media coverage by local officials and the degree of public response.

Developing a regional approach to electronics recycling was a fundamental goal of the Demonstration Project along with its emphasis on creating public awareness. Company expertise was applied to accomplish these goals in Central Florida through its involvement in the Metropolitan Environmental Training Alliance (METRA). Toward this end, CRS made three METRA workshop presentations that were attended by officials from DEP, local solid waste and environmental agencies, companies such as U.S. Liquids, as well as local media representatives. Similar information was provided to those attending DEP Central District Workshops, Small Quantity Generator/Household

DEMONSTRATION PROJECT FINAL REPORT EXECUTIVE SUMMARY

Hazardous Waste Annual Workshop, the Recycle Florida Today Annual Conference (2002, 2003), and the Key West Recycling Seminar (2002, 2003).

A television public service announcement was also prepared under METRA auspices for broadcast throughout its jurisdiction. CRS underwrote one-third of the production cost, with the remainder financed by DEP and Seminole County respectively. Local stations began to air this PSA in the fall of 2003.

Meanwhile, two other CRS workshops were sponsored by METRA so that local nonprofit organizations could better understand the challenges and opportunities presented by the need to recycle end-of-life electronics.

Nonprofit Involvement Can Energize Local Recycling Efforts

Efforts to involve the nonprofit sector within the Demonstration Project showed varying results on a county-by-county basis, but the aggregate impact is significant both in its own right and as an example for future endeavors.

For instance, Creative Recycling Systems, Inc. intensified its existing relationship with the nonprofit Association of Retarded Citizens of Broward County (ARC-Broward) throughout the duration of the Demonstration Project. This partnership is a key factor in creating the most effective and comprehensive electronics recycling infrastructure within any participating county.

ARC-Broward officials have periodically toured the CRS Tampa facility for a firsthand examination of how the company manages end-of-life electronics. CRS has also provided professional training and support services that enable ARC-Broward to resell valuable electronics that the company could have sold for its own benefit. This allows the agency to generate operating revenue that helps to underwrite other activities. Beginning in May 2002, CRS has also joined ARC-Broward in outlining the benefits of electronic recycling to a variety of community service organizations.

As part of a jointly developed marketing strategy, CRS mailed specially targeted material to the 500 businesses in Broward County that would be most likely to recycle large quantities of end-of-life electronics. Besides reinforcing the inherent benefits of recycling, the material also cited the tax advantages that would accompany their participation with ARC-Broward. This dual incentive greatly enhanced the impact of its recycling efforts.

DEMONSTRATION PROJECT FINAL REPORT EXECUTIVE SUMMARY

Meanwhile, CRS has also accelerated its traditional practice of donating computer equipment to nonprofit organizations through its implementation of the Demonstration Project. The company's long-standing commitment to bridging the digital divide is demonstrated by the extensive support provided to community endeavors that benefit schools, churches, community service agencies, and the individuals they serve. A complete summary is included in Appendix A.

Positive Results Make the Demonstration Project Successful for All Concerned

By helping individual counties to develop electronics recycling infrastructures according to the priorities established by local officials, CRS has enabled residents to recycle end-of-life electronics through the Demonstration Project in a manner that reflects local needs.

The Demonstration Project demonstrates how end-of-life electronics could be collected from households, businesses, and government entities in a diverse range of Florida counties, and then managed in a way that prevented harmful components from entering the waste stream. Since this is the first systematic attempt to build electronics recycling infrastructures that served individual counties as a precursor to regional consolidation, it furnishes an ideal opportunity as a model for others to follow, and for state and local officials to learn from.

Section A

Project Evolution and Development

Evaluating and Customizing A County's Electronic Recycling Program

The diversity of Florida's 67 counties, as well as the elongated layout of the state's peninsula, provide a challenge in the successful development of a statewide comprehensive electronics recycling initiative. Before a decision can be determined about organizing a statewide or regional effort, each individual county must be evaluated on a number of issues. These issues figure into each county's assessment and approach to solid waste disposal in general and electronic recycling in particular.

The county commission controls the budget and direction of each solid waste department. This project at times found a wide diversity between counties. One county may be especially interested in electronic recycling and willing to put resources to that end. Concurrently an adjoining county may have no such interest and is not willing to enter into any recycling efforts unless mandated by the state or if funding is provided by a third party source. Therein lies the challenge of incorporating a workable regional solution between differing counties.

The following issues were found to be important in understanding and evaluating an individual county:

- 1) Large or small geographical area
- 2) Rural or urban
- 3) Dense or sparsely populated
- 4) Numerous or few business
- 5) Curbside program and existing collection sites
- 6) Landfill or incinerator or offsite trucking of solid waste
- 7) Existing solid waste infrastructure
- 8) Willingness or lack of willingness of solid waste staff and elected officials to support electronic recycling efforts
- 9) Transportation issues dealing with the distance to Creative Recycling Systems processing facilities

Once the evaluation process is complete the customizing step can begin.

In this project CRS worked with each county to maximize their efforts based on the results of the evaluation criteria. The past institutional knowledge of CRS was very helpful in assisting each county find the level of participation given the resources available to them.

This strategy made it possible for participating counties to implement specially tailored recycling programs without the need for additional facilities, staff, or other expenses that would logically accompany an undertaking of this magnitude. While this approach proved especially valuable in counties where electronics collection and recycling

infrastructures were built from scratch, CRS also applied it to streamline operations in counties where these services were in effect prior to the Demonstration Project.

Each county in the project identified specific priorities through ongoing consultations with CRS officials. The company's expertise in collecting and safely managing large quantities of potentially hazardous electronics at a low cost enabled local solid waste departments to attain their objectives.

CRS utilized what is referred to as a "reverse milk run transportation system" to coordinate the varying logistics needed to properly service diverse geographic areas. With proper coordination between business, non-profits, county landfills, and other local government entities, CRS maximized its available transportation capabilities. CRS found that by traveling to the farthest point from their warehouse facility and subsequently picking up from other locations on the way back was a cost effective approach to what would have been multiple and costly individual runs. CRS implemented the use of outside freight carriers where large quantities of equipment were centralized in one location.

Building Collaboration Between Intergovernmental Agencies

State, county and municipal governments as well as boards and commissions all work in tandem to provide various services to the citizens of the state. With each governmental entity are individual rules and regulations that direct their environmental policies. One common thread with these governmental agencies is their significant use of electronic components, i.e. computers, monitors, printers and telecommunication equipment. Within the areas affected by this project there had not been any measurable awareness by these agencies of the environmental issues relative to the discarding of surplus electronic materials, except for the solid waste departments themselves.

Through joint marketing and outreach efforts an understanding began to develop for the need of appropriate measures in the discarding of surplus electronic materials. Collaboration and communication among the various agencies played a strategic first step in establishing a community wide awareness of the need for electronic recycling.

As regular local service became available through the solid waste authority and Creative Recycling Systems, recycling efforts among various governmental agencies demonstrated a noticeable increase. Toward this end CRS encouraged close collaboration between a wide range of government agencies. More than forty local government entities utilized company services through the Demonstration Project.

Identification and Targeting of Business and Nonprofit Agency Collection Sources

Another significant source of surplus electronic material is generated from the business community. In counties that host large numbers of businesses or tourist opportunities, specific and targeted attention was focused to develop that sector.

For various reasons businesses have a tendency to upgrade their electronic equipment on a shorter cycle than individuals in the residential sector. Expired leases, exhausted depreciation schedules and advances in technology are three of the major reasons businesses more frequently change out and discard their electronic components.

CRS personnel met with a wide assortment of business leaders to answer their specific questions and concerns. This served to create an awareness of the urgency associated with recycling end-of-life office electronics and led to recycling collections from a wide variety of businesses within the area served by the Demonstration Project.

Extensive direct mail was utilized to market to the businesses within the participating counties of the demonstration project. A comprehensive database was created of local businesses in each county. Thousands of businesses received information describing the advantages of electronics recycling. These mailings preceded the collection of office electronics by CRS in each target area.

Another important issue with the business community was the concept of the “Chain of Custody”. When a business properly recycles its electronic components with a licensed electronic recycler, a “Chain of Custody” certificate is issued to that business for the electronic materials conveyed to the recycler. Serial numbers, if available, are recorded as part of the certificate. This certificate provides proof that the business properly transferred its electronic materials in a safe and secure fashion. Without this firewall businesses could be defending future “Superfund” or other violations should their electronic materials be traced to an illegal-dumping situation. With this in mind many companies have reevaluated their direct donation policies both to employees as well as to nonprofits. In many situations those donations are now processed through the “Chain of Custody” concept before delivery to employees or nonprofits for reuse. Creative Recycling Systems has been pleased to assist businesses in this process.

Nonprofits are proving to be a growing source for the collection of electronic components. Nonprofits that encourage direct donations of discarded household electronics are taking in larger quantities each year. Many nonprofits were counseled and assisted as a part of this project. Part of that assistance was instructing them about the dynamics and economics associated with the collection of electronic components. Nonprofits were cautioned to be especially careful with the items they receive as many are actually cost items to them rather than revenue generators. ARC Broward, a nonprofit who excelled, partnered with Broward County to spearhead that county’s entire electronic recycling program. The results of that initiative will be discussed in detail in the Broward County narrative in Section B of this report.

Community Awareness and Promotional Campaign Description For Residential Collections

Raising the knowledge or awareness level of any issue within a community is a daunting challenge. Billions are spent each year by advertising agencies promoting the virtues of their client's products or services. Unfortunately, we find there are unlimited financial resources available to saturate a targeted community through television, radio and print outlets.

With these limitations in mind, one of the fundamental goals of the project was to create a community awareness program. CRS expertise was applied to accomplish a portion of this goal in Central Florida through its involvement in METRA. Toward this end, CRS conducted three METRA workshop presentations that were attended by officials from DEP, local solid waste and environmental agencies as well as local media representatives. Similar information was provided to those attending DEP Central Region Workshops, Small Quantity Generator/Household Hazardous Waste Annual Workshop, the Recycle Florida Today Annual Conference (2002, 2003), and the Key West Recycling Seminar (2002, 2003).

A television public service announcement was produced under METRA auspices for broadcast throughout its jurisdiction. CRS underwrote one-third of the production cost, with the remainder financed by DEP and Seminole County respectively. Local stations began to air this PSA in the fall of 2003.

But the main source for raising public awareness occurred in other areas through free and creative promotion techniques.

In the television area press releases were issued for the events. Individual news departments were encouraged to produce a story on the harmful effects of dumping electronic waste while promoting the upcoming collection day. Live shots at the collection location a day before the Saturday collections were encouraged.

Public service spots on radio stations proved effective. Live broadcasting from the collection sight by a station personality reminded citizens that "today" is the collection day for household electronic items.

Timely newspaper coverage of the collection event worked well. Purchasing a display ad reinforced the news coverage. One collection was especially benefited when the local newspaper carried a comprehensive editorial supporting the collection effort on the morning of the event. And some counties even utilize inserts in their billing statements placed promotional fliers in the envelopes.

These are but a sample of the many creative ways community awareness programs were conducted. In the end, "word of mouth" promotions combined with enthusiastic support by all are the best ingredients for a successful collection.

Community Donation of Repaired Computers/Monitors to Nonprofit Agencies

The rate at which the information age has swept through our culture is truly remarkable. In a few short decades the computer has come from taking up huge space in dedicated climate controlled rooms to being available to virtually every home in America.

Nonetheless, the Digital Divide is still a fact in America. Many less fortunate and less educated members of our society still lack the basic computer skills needed to get ahead in today's competitive environment.

To address that issue, computer and monitor donations are an important element of this project. Refurbished working computer systems are readily available in this process. Through partnering with nonprofit agencies computer systems have been given to many less fortunate individuals as well as charitable organizations. In some programs children have been provided free computer classes and upon successful completion of the course they have been awarded the computer system to take home with them as an incentive for their work.

ARC-Broward Marketing Campaign

In Broward County the unique nonprofit model with ARC Broward was selected to be the official program for countywide electronic collection efforts.

CRS was able to build upon an ongoing relationship with the nonprofit Association of Retarded Citizens of Broward County (ARC-Broward).

As part of a jointly developed marketing strategy, CRS mailed specially targeted material to the 500 businesses in Broward County that would be most likely to recycle large quantities of end-of-life electronics. While reinforcing the inherent benefits of recycling, the material also cited the tax advantages that might accompany their participation with ARC-Broward. This dual incentive enhanced the impact of its recycling efforts.

Section B

Narrative Reports by County

Orange County

Effective Date:	January 2003 <i>(Note: The arrangement between CRS and Orange County remains in effect even though the Demonstration Project has run its course)</i>
Electronic Collection Venues:	County HHW Facility, Regional Sites (Mobile Collections), and Businesses
Number of SW 213 Collections:	25

Special emphasis was placed on building the electronics recycling infrastructure in Orange County for several reasons. Its location, population base, and stature as a regional media market meant that Orange County would be a bellwether not only in its own right, but also because of the ripple effect its recycling infrastructure would generate in establishing similar programs throughout Central Florida.

Prior to the Demonstration Project, Orange County had not developed provisions for the collection or recycling of end-of-life electronics. Implementing a program that had no fiscal impact on the county budget was central to its participation in this project.

Negotiations continued over a 7-month period and included four separate tours of the Household Hazardous Waste (HHW) facility by CRS officials. To obtain Orange County's commitment, CRS agreed to collect their end-of-life electronics at zero cost to the county for a period of one year. Orange County solid waste officials were instrumental in working with CRS and their existing HHW chemical vendor to develop a program that required no additional facilities, personnel, or other expenses. CRS was able to offer a high degree of flexibility in satisfying this key objective in part because of its strong relationship with the county's HHW chemical vendor. State officials helped by waiving a requirement for surveys from people who brought electronics to the county HHW facility.

The Orange County program combined a series of regional mobile collections along with frequent pickups of end-of-life electronics from its Household Hazardous Waste Facility at 5901 Young Pine Road in Orlando. There were also specialized pickups of office electronics as the opportunity was presented, and CRS contacted hundreds of local businesses to encourage their participation. As a result, this program implemented the most ambitious strategy of any county served through the Demonstration Project.

Active cooperation from local officials helped ensure positive results, but there was one significant obstacle to maximizing the environmental impact of their, and the company's, efforts. Orange County initially allowed businesses to dispose of their end-of-life electronics in the landfill if they wish, which substantially limited the quantity of electronic equipment submitted for recycling. This also implicitly conveyed an ambiguous message about the potential danger of hazardous materials that could leach

SW 213 FINAL REPORT NARRATIVE – Orange County

Page Two

from electronic equipment into groundwater supplies. Orange County businesses are no longer allowed to dispose of their end-of-life electronics in the landfill

The first mobile electronics recycling collection took place on February 15 at Union Park Middle School in the eastern part of the county. On April 19, a second mobile collection was held at the Orange County Services Building in Ocoee. This was followed by a similar event on July 12 at the Home Depot store at 7423 Southland Boulevard on Orlando's south side.

Creative Recycling Systems was instrumental in securing this retail location as a result of its existing electronics collection partnership with Home Depot in Pinellas County.

On October 25, the Orange County Services Building in Apopka hosted the fourth Mobile Collection. Residents turned in more than 17,300 pounds of household electronics during these four collection events, and some traveled as many as 40 miles to participate. A fifth event was held at Union Park Middle School after the official expiration on the Demonstration Project.

Orange County solid waste officials publicized these mobile collections in several venues. They were promoted in of the recycling newsletters that were mailed quarterly to county residents. Details were also included in bills from the county Utilities Department, a separate countywide mailing that specifically touted the advantages of recycling household electronics, on the county's cable television station, and in the County's internal employee newsletters.

The mobile collection of electronics was incorporated into the already existing program to recycle household chemicals. Orange County focused on promoting the chemical recycling element through additional advertising in the *Orlando Sentinel*.

CRS reinforced the county's publicity through its own efforts to secure news coverage of these events. The company developed its own media list, and distributed press releases and other media advisories to every print and broadcast news outlet in Orange County. The list is included in this report along with representative samples of what was disseminated. In addition to securing newspaper coverage in the *Sentinel*, *Orlando Business Journal*, and *Orlando Weekly*, this effort resulted in the preparation of broadcast news reports by WKMG-TV.

As mentioned earlier, Orange County is the media hub of the Central Florida region. Any media coverage of its collection effort also enhances public awareness in Seminole, Volusia, and Brevard counties, which is essential for creating a regional electronics recycling infrastructure.

SW 213 FINAL REPORT NARRATIVE – Orange County

Page Three

Orange County Participation Helped METRA Become Involved

Dan Morrical of the Orange County Solid Waste Division facilitated the inclusion of Creative Recycling Systems within METRA, the regional body that focuses on recycling issues in Central Florida. He also introduced CRS officials to his counterparts from other Central Florida counties. As a result, CRS made two electronics recycling presentations during 2003 to METRA members.

The first METRA presentation provided solid waste officials throughout Central Florida with an overview of the Demonstration Project and its capabilities for safely recycling end-of-life electronics. It was followed a short time later by a specialized description of the project for regional household hazardous waste specialists within METRA.

Meanwhile, representatives from each DEP District 6 regional office learned how the Demonstration Project was being implemented in Central Florida, and the critical role that the Department was playing in its success.

These activities contributed greatly to the successful implementation of electronics recycling programs throughout the Central Florida region. CRS took advantage of the opportunity to endorse what each participating county was accomplishing through the Demonstration Project, and outline how the collection of end-of-life household electronics could be further enhanced on a regional basis. Both Seminole and Brevard counties became actively involved in the Demonstration Project as a result, while existing recycling efforts in Lake, Marion, Indian River, and Volusia counties were notably reinforced.

SEMINOLE COUNTY

Effective Date:	June 2003 <i>(Note: The arrangement between CRS and Seminole County remains in effect even though the Demonstration Project has run its course)</i>
Electronic Collection Venues:	County Solid Waste Facility and Businesses
Number of Collections:	9

Local officials first became aware of the Demonstration Project and the role played by CRS through their participation in METRA. The county issued a Request for Proposal in March 2003, and the Solid Waste Department recommended CRS to fulfill electronics recycling responsibilities in May. A formal contract was approved by the Seminole County Commission at its June meeting.

Special attention was paid not only to the collection of household electronics, but also to equipment brought by businesses to the Solid Waste Facility at 1950 State Road 419 in Longwood. The CRS reverse distribution network was especially helpful in maximizing the efficiency of collection efforts, which incorporated the capability for direct pickups from local businesses.

Company officials made the same comprehensive effort to contact area businesses as was done in Orange County. Its mailings, telephone contacts, and on-site meetings helped to educate hundreds of businesses about the positive bottom line implications of electronics recycling. These actions were reinforced by the county, which referred high-volume business clients to CRS as the company reciprocated in the referral of smaller businesses to the county.

While television and print media outlets are based in Orlando, Seminole County still played a vital role in developing community awareness about electronics recycling. Local officials collaborated with CRS and DEP to underwrite the production costs of a Public Service Announcement that is still being broadcast throughout Central Florida.

LAKE COUNTY

Effective Date: February 2003 (*Note: The arrangement between CRS and Lake County remains in effect even though the Demonstration Project has run its course*)

Electronic Collection Venues: County Solid Waste Facility

Number of Collections: 25

County solid waste department officials approached CRS during the 2002 Environmental Protection Agency District Conference in Brevard County. Serious problems had developed with the county's original vendor, and they were impressed with how well the company had helped Marion County to establish its electronics recycling infrastructure. As in Orange County, a cooperative arrangement was developed between local officials, CRS, and the existing HHW recycling vendor.

Remarkable skill was demonstrated in creating public awareness about the urgency of recycling end-of-life electronics. Promotional efforts in local media and through the mail helped yield the second highest quantity of electronics among participating counties, many of which had larger populations to draw from. A highly efficient pickup schedule enabled this equipment to be brought with minimal difficulty from the Solid Waste Facility at 13130 Ashtatula Landfill Road in Tavares to the CRS Tampa Facility. Close and ongoing consultation between CRS and county officials ensured that potential obstacles were dealt with well before any problems resulted.

Lake County provided a consistent supply of end-of-life electronics throughout the contract period. An average of slightly more than 11 tons was transported to Tampa each month.

MARION COUNTY

Effective Date:	August 2002 (<i>Note: The arrangement between CRS and Marion County remains in effect even though the Demonstration Project has run its course</i>)
Electronic Collection Venues:	County Solid Waste Facility/Regional Sites (Mobile Collections)
Number of Collections:	4

The Marion County Solid Waste Department approached CRS once it discovered that Citrus County had started to accept end-of-life electronics for recycling and utilized the existing Citrus contract to structure its agreement. Local residents expressed interest in having a similar program, and this led to company officials touring the county solid waste facility as the first step in its adaptation for electronics recycling purposes.

This led to an electronics recycling collection at the Solid Waste Facility in Ocala on August 17, 2002. County officials were extremely adept at promoting the event through print and radio advertising as well as on its Cable TV channel. They also gained the editorial support of the Ocala *Star-Banner*.

The results were equally impressive, as more than 17 tons of electronics were collected from residential customers in the six-hour period between 9:00 am and 3:00 p.m. Some people waited in line for a half-hour prior to the event, and nearly 500 carloads of electronics were dropped off. Extra trucks were needed to transport the electronics for remanufacturing at the CRS facility in Tampa.

This groundbreaking event was the first in a series of e-waste collections planned by solid waste officials in strategic locations within the county. Residents were given a convenient way to drop off end-of-life electronics, and the county also provided them with maximum exposure to the inherent advantages of electronics recycling.

Its recycling strategy proved so effective that Marion County agreed to underwrite all project costs associated with electronics recycling collections. This allowed Creative Recycling Systems, Inc. to leverage Demonstration Project funding to even greater advantage.

The Marion County Airport in Dunnellon was the site for the next electronics collection, which resulted in more than 11 tons being turned in from roughly 300 cars. The airport's remote location made this figure even more encouraging, and indicated both the level of public awareness and the efforts by local officials to develop it. Another 9 ½ tons was collected on June 21 at Belleview City Hall following a similar promotional effort. On December 13, nearly 9 tons were collected from local residents at North Marion High School.

BREVARD COUNTY

Effective Date:	November 2003 (<i>Note: While this is the date that the Brevard County Commission formally approved the electronics recycling contract with CRS, earlier collections had been undertaken by local government entities. The arrangement between CRS and Brevard County remains in effect even though the Demonstration Project has run its course</i>)
Electronic Collection Venues:	Local Government Entities
Number of Collections:	4

Late in 2002, county officials approached CRS to discuss establishing a local electronics-recycling program. This followed a company presentation at a METRA workshop in Cocoa. A teleconference was then held with Rita Perini Higgins of the Solid Waste Department in May 2003 to examine how a recycling infrastructure could address specific household and business recycling needs.

An agreement in principle was reached for CRS to provide electronics recycling services based on the Citrus County model in August. Further discussions were held with Ms. Higgins in September, and a favorable recommendation was given to the Brevard County Commission. Commissioners agreed with the recommendation in October, and the formal service contract was signed a month later. This led to further discussions with county solid waste officials concerning collection schedules and other logistics. December also featured additional consultations between county solid waste officials and CRS about how the electronics-recycling infrastructure could be built to best advantage. Topics included developing an effective procedure for collecting electronics from the solid waste facility in Cocoa. One potential obstacle was resolved when CRS was able to help the county avoid using valuable warehouse capacity through providing storage trailers at its own expense. This would enable the county to pack end-of-life electronics into the trailers, secure the contents, and then ship the equipment to Tampa for recycling.

In December 2002, two separate loads of end-of-life electronics were brought to Tampa for recycling. The total yield was more than 23 tons. On June 17, this same local government entity dispatched a 53' tractor-trailer to the CRS Tampa facility with more than 7 tons of electronics to be recycled. In October they shipped another tractor-trailer yielding 11.5 tons.

VOLUSIA COUNTY

Effective Date:	August 2002 (<i>Note: All collections are performed according to the terms of individual purchase orders rather than by contract. This arrangement between CRS and Volusia County remains in effect even though the Demonstration Project has run its course</i>)
Electronic Collection Venues:	Local Government Entities
Number of Collections:	3

County solid waste officials first became aware of the Demonstration Project during a METRA workshop in July 2002, and approached CRS about establishing a local electronics recycling infrastructure. As a result, the company was authorized to collect and recycle end-of-life electronics by purchase orders issued on an as-needed basis. The price structure is based on the Citrus County model.

The first such pickup was from a local government entity on January 21, 2003. It yielded 1,700 pounds of office electronics, and county officials became aware of what could be done on a larger scale once they decided the time was appropriate.

Two subsequent collections occurred on March 6 and May 13. Local government entities were involved on each occasion, with the first generating 2,500 pounds in electronics while the latter collection brought in another two tons for recycling at the CRS Tampa Facility.

CRS was able to effectively utilize the reverse distribution network in Volusia County because of its proximity to other participating counties in the Central Florida region. The company's flexibility in providing cost-effective recycling services without the county having to build additional facilities was again applied to the benefit of all concerned.

In June, the company conferred with solid waste officials about the specific role that might be played by a local nonprofit organization in a more comprehensive recycling program. The experience that CRS had gained through working with ARC-Broward added to the discussion, but the county opted to defer further development at the present time.

INDIAN RIVER COUNTY

Effective Date: April 2003 (*Note: All collections are performed on an as-needed basis rather than by contract. This arrangement between CRS and Indian River County remains in effect even though the Demonstration Project has run its course*)

Electronic Collection Venues: Solid Waste Facility

Number of Collections: 2

The process to create an electronics recycling program began when CRS was approached by county solid waste officials following a presentation to METRA members in 2002. Currently, the county has chosen to have CRS furnish electronics recycling services on a project-by-project basis.

Two collections of end-of-life electronics have taken place under this framework, both in April 2003. The county Solid Waste Facility in Vero Beach was the location for each pickup, which totaled about 7 tons apiece.

BROWARD COUNTY

Effective Date:	May 2002 (<i>Note: All collections take place under a CRS contract with ARC-Broward, a nonprofit agency which supervises the local electronics recycling effort at the request of the Solid Waste Department. This arrangement between CRS, ARC-Broward, and Broward County remains in effect even though the Demonstration Project has run its course</i>)
Electronic Collection Venues:	Solid Waste Facility
Number of Collections:	47

Solid Waste Department officials conferred with Creative Recycling Systems and the Achievement and Rehabilitation Centers of Broward County (ARC-Broward) as they prepared to offer electronics recycling services to local residents.

This led to an arrangement under which ARC-Broward performs these services in close consultation with CRS. This relationship utilizes company expertise in developing the skills required for agency personnel to effectively process end-of-life electronics before it is remanufactured at the CRS Tampa Facility. ARC-Broward officials are also familiarized with that step in the recycling process through periodic tours and additional training.

The partnership between CRS and ARC-Broward has succeeded in creating one of the most advanced electronics recycling programs in the state. The agency generates valuable operating revenue from the sale of refurbished electronics, offers marketable employment skills to its clients, and meets the challenges associated with operating a high-volume electronics recycling infrastructure. Not only is CRS an integral part of these accomplishments, but its professional acumen ensures that ARC-Broward will stay abreast of procedural improvements within the recycling industry.

The company is also working to expand the program's convenience and frequency through a broad-based marketing and public awareness initiative. The campaign, which is closely coordinated with ARC-Broward, illustrates the additional incentives that local businesses have (including tax breaks that derive from working with a nonprofit agency) in recycling large quantities of electronics. As mentioned in the Executive Summary, this effort involved contacting the 500 local businesses most likely to benefit.

The results helped to make Broward County the leading source of electronics among counties that participated in the Demonstration Project. During 2003 alone, 422.25 tons of equipment was collected for recycling in Tampa. A total of 33 pickups came directly from ARC-Broward, with the other 14 involving local government entities. Both the tonnage and pickup frequency are greater than that of the next two highest counties (Lake and Orange) combined.

Demonstration Project FINAL REPORT NARRATIVE

– Broward County

Page Two

Even though placing a nonprofit organization at the forefront of a local electronics recycling infrastructure would not be practical in many Florida counties, the ARC-Broward example demonstrates that it can be done with the right combination of circumstances. First, it requires a commitment by local solid waste officials that combines patience, dedication, and vision. Secondly, it requires a nonprofit agency that is willing to go beyond the traditional range of community-based services, as well as one that possesses the ability to assimilate procedural knowledge from the private sector. Finally, it requires a corporate partner with the flexibility to tailor its support services to the situation, the expertise to provide support services of the highest order, and the understanding that a successful partnership can be replicated in areas where these factors exist.

NASSAU COUNTY

Effective Date:	February 2003 (<i>Note: All collections take place on an as-needed basis at the request of the Solid Waste Department. This arrangement between CRS and Nassau County remains in effect even though the Demonstration Project has run its course</i>)
Electronic Collection Venues:	Solid Waste Facility/Mobile Collection/Local Businesses
Number of Collections:	3

In order for the Demonstration Project to fulfill its potential for creating an electronics recycling model that can be applied throughout Florida, Department of Environmental Protection officials knew that it was necessary to include a rural county within the Demonstration Project. As a result, a conference call featuring DEP, the county Solid Waste Department, and Creative Recycling Systems was arranged in February 2003.

This led to the scheduling of a mobile collection on May 10 at 800 Lime Street in Fernandina Beach. The event was extensively publicized by county officials, and about 7 tons of electronic equipment was secured for recycling. Its successful outcome prompted the scheduling of an office electronics collection on June 25, which coincided with another pickup that had already been arranged at the county's solid waste facility. This demonstrated the value of the CRS reverse distribution network because an entire truck was filled from both collections. Without this synchronization, transport costs would have been excessive because of the distance between Nassau County and the CRS Tampa Facility.

Even though the quantity of end-of-life electronics from Nassau County was significantly less than in more populous counties, the local recycling program combined a comprehensive approach with a strong foundation. It was the only the Demonstration Project venue besides Orange County to feature mobile and business collections along with a pickup from the county solid waste facility.

Local officials were highly receptive to the insight provided by both DEP and CRS in establishing an electronics recycling infrastructure. Their willingness to make residents aware of the need for recycling bodes well for future program development

OSCEOLA COUNTY

Effective Date: *(No electronics recycling infrastructure was developed even though there were ongoing discussions between CRS and solid waste officials.)*

Electronic Collection Venues: None

Number of Collections: None

While a local recycling program was not implemented, Creative Recycling Systems, Inc. included Osceola County businesses within the same marketing strategy undertaken in Orange and Seminole counties. This initiative reinforced efforts to build a regional collections base in Central Florida, enhanced electronics recycling awareness within the business community, and set the stage for wider public participation in correlation with local priorities.

Section C

Cost Summary

Building Project Effectiveness through Resource Leveraging and Contractor Contributions

The Countywide Electronics Recycling Demonstration Project encouraged participating counties to create and implement an electronics recycling infrastructure, while also ensuring the most efficient use of project revenue.

Creative Recycling Systems, Inc. enabled these counties to meet the challenge by applying a three-part strategy:

- ❑ It allowed participating counties to realize significant savings in their management of household electronics submitted for recycling. As each local infrastructure took shape, CRS expertise made it possible for counties to avoid spending valuable tax revenue on facility construction, or to hire staff. The company also recycled the end-of-life electronics received from each county at a far lower cost than the industry standard. For example, the market rate of recycling a large television is \$28, but CRS charged counties a maximum of \$13.
- ❑ It mobilized collaboration among local governments, nonprofit agencies, and the business community in each participating county. CRS then initiated the process of applying their complementary strengths to benefit these coalition partners and local residents in an electronics recycling context. This maximized the efficiency of electronics recycling services in each county served by SW-213, and thus contributed to cost savings throughout the Demonstration Project area.
- ❑ It developed a heightened awareness among local stakeholders concerning the urgent need to recycle electronics in an environmentally responsible manner. This awareness improves the prospect for a collective effort to sustain SW-213 through future grants. Any revenue secured through outside sources will by definition reduce the financial burden on local taxpayers.

Among other points, this Section will help to convey the viability of private sector oversight in meeting the challenges associated with The Countywide Electronics Recycling Demonstration Project.

SW-213 called for Creative Recycling Systems, Inc. to accomplish what had never been attempted on such an ambitious scale: the successful implementation of an electronics recycling infrastructure serving a diverse range of urban and rural Florida counties. Furthermore, the specific needs of each participating county had to be integrated within a regional framework.

In order to meet this challenge, the company developed an ambitious and systematic plan in which all available funding had to be leveraged. Among other benefits, this strategy made it possible for every SW 213 county to develop successful recycling programs without building additional facilities. Significant stakeholders were identified through close collaboration between CRS personnel and solid waste officials in each participating county. These relationships, coupled with the operational expertise learned by CRS elsewhere in Florida, allowed all available resources to be utilized with maximum effectiveness.

Section C – Building Project Effectiveness through Resource Leveraging and Contractor Contributions

Here is a partial summary of what the company undertook on behalf of Orange County, which is the hub of the Central Florida recycling infrastructure.

1. *CRS utilized an existing vendor agreement and expanded the scope of the contract to include electronics recycling services*
2. *CRS provided (and continues to provide) these services at no charge to the county*
3. *CRS enabled the county to utilize existing facilities to minimize set-up costs*
4. *CRS maximized media exposure through reinforcing in-house promotional efforts, and securing news coverage of local recycling collections through this initiative*
5. *Pro-bono expertise was furnished by the President/CEO, CRS personnel and project subcontractors*

The commitment and flexibility of CRS was highly conspicuous, and essential to the success of the Demonstration Project. It characterized the company's approach not only throughout SW 213, but continued well beyond the time when project funding was no longer available. The following list offers examples of electronics recycling expenses that were absorbed by Creative Recycling Systems:

1. *Costs associated with the recycling of all end-of-life electronics collected by Indian River County (as is also the case in Orange County)*
2. *Operating costs incurred in late 2003 and throughout 2004 that were above the \$200,000 allocated through SW 213*
3. *1/3 of the production cost associated with the METRA TV Public Service Announcement.*
4. *Significant recycling costs for leaded glass from CRT tubes collected within the Demonstration Project Area*
5. *Overhead expenses, including those related to payroll, insurance, office and warehouse facilities, and workers compensation*
6. *Marketing-related expenses and the purchase of marketing lists in connection with the building of public awareness about electronics recycling*
7. *Professional expertise of technicians in the repair and reconfiguration of computer equipment*
8. *Travel expenses including fuel, meals, and lodging associated with implementing SW 213*
9. *The use of company owned roll-off trucks and containers as needed in each participating county*
10. *The use of forklifts, balers, tools, and other equipment required to successfully implement SW 213*
11. *Logistical expenses associated with the donation and delivery of computer equipment, along with the market value of the donated equipment*

Section C – Building Project Effectiveness through Resource Leveraging and Contractor Contributions

This prior county experience of CRS is appropriate to note here because it greatly enhanced the company's ability to leverage resources, minimize obstacles in project development and local contracts, and maximize the impact of SW 213 funding.

A. Pinellas County

CRS not only supervises all electronics recycling, demanufacturing, and reuse operations, but is working with Solid Waste Department officials and companies such as Home Depot to generate the maximum results from on-site and mobile collections. The partnership between CRS and Pinellas County began in 1999, and was named "Best Urban Program" by Recycle Florida Today at its Annual Conference in June 2002.

B. Citrus County

A competitive bidding process led to the selection of Creative Recycling Systems, Inc. as the electronics recycling contractor for Citrus County in 2001. The contract allows other counties to piggyback under the same framework in the recycling of end-of-life electronic equipment. It is the prototype for recycling contracts with Brevard, Marion, and Volusia counties, and demonstrates how CRS enabled these counties to successfully address issues that may have prevented their implementation of local recycling services. As a result, counties throughout Florida can streamline and expedite their electronics recycling efforts.

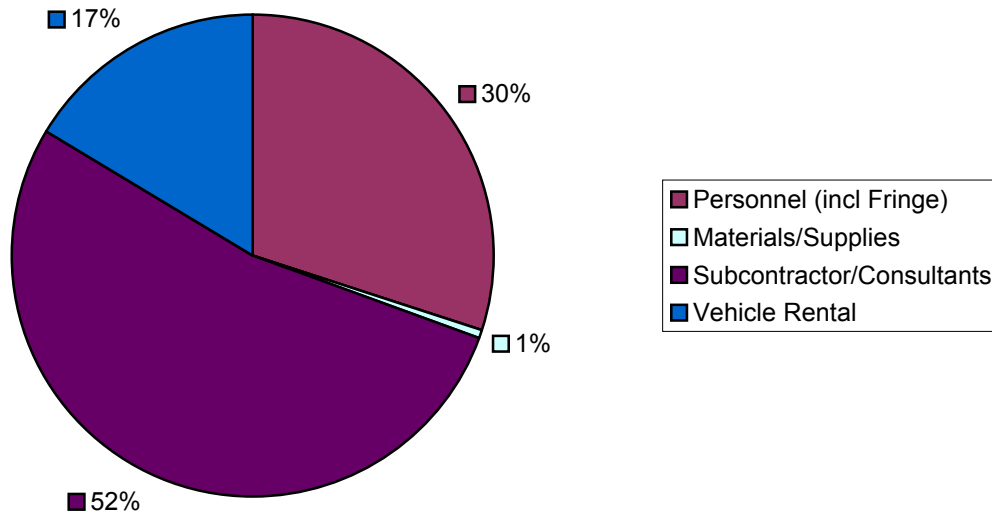
C. Charlotte County

Creative Recycling Systems, Inc. is assisting the county in its electronic collection efforts in conjunction with an existing vendor. Its role is evolving in response to increased demand from businesses and individuals who wish to recycle their outmoded electronics.

D. Hernando County

In February 2002, Creative Recycling Systems, Inc. and county solid waste officials jointly developed a complete schedule for the collection of end-of-life household electronic equipment. These collections took place at the Westside Transfer Station (2525 Osowaw Boulevard in Spring Hill), the Main Landfill (14450 Landfill Road in Brooksville), and the Eastside Transfer Station (33070 Cortez Boulevard in Ridge Manor).

Cost elements



Countywide Comprehensive Electronics Recycling Demonstration Project

DEP Contract SW213

Project Dates from 5/31/02 to 1/31/04

Type	Totals To Date	Proposed Budget	Amended Budget
Travel Expenses	\$ -	\$ 1,200.00	\$ -
Personnel (incl Fringe)	\$ 52,481.17	\$ 93,800.00	\$ 62,000.00
Equipment	\$ -	\$ -	\$ -
Materials/Supplies	\$ 1,189.88	\$ 10,000.00	\$ 3,000.00
Subcontractor/Consultants	\$ 92,676.65	\$ 68,000.00	\$ 103,000.00
Building Rental/Modification	\$ -	\$ -	\$ -
Vehicle Rental	\$ 28,966.50	\$ 27,000.00	\$ 32,000.00
Totals	\$ 175,314.20	\$ 200,000.00	\$ 200,000.00

Cost Comparison of Orange County Vs. State Contract and CRS Contract with Citrus County

During Contract period

ITEMS	WEIGHT	COUNT	State Contract Pricing	Totals	Citrus County Contract Pricing	Totals
Monitors	25060	863	\$ 8.75	\$ 7,551.25	\$ 5.00	\$ 4,315.00
CPU'S	11770	394	\$ -	\$ -	\$ (5.00)	\$ (1,970.00)
TV'S 326 < 19", 287 > 19"	32757	613	\$12.00 < 19", \$28.00 > 19"	\$ 11,948.00	\$8.00 < 19", \$13.00 > 19"	\$ 6,339.00
Large Computer Peripherals	11168	552	\$ 4.00	\$ 2,208.00	\$ 2.00	\$ 1,104.00
Small Computer Peripherals	3322	599	\$ -	\$ -	\$ 0.50	\$ 299.50
Telecommunications	962	262	\$ 2.00	\$ 524.00	\$ (0.50)	\$ (131.00)
Video & Audio	6389	449	\$0.20 per lb.	\$ 1,277.80	\$ 0.50	\$ 224.50
Small Household Electronics	4229	443	\$0.20 per lb.	\$ 845.80	\$ 0.50	\$ 221.50
Other Electronics Equipment	2551	138	\$0.20 per lb.	\$ 510.20	\$ 0.50	\$ 69.00
TOTAL	98208	4313		\$ 24,865.05		\$ 10,471.50

Section D

Conclusions and Recommendations

Section D – Conclusions and Recommendations

What Worked

The Countywide Electronics Recycling Demonstration Project required a coordinated operations strategy because of its ambitious goals. Under these circumstances, Creative Recycling Systems, Inc. understood that there was little room for inefficiency. Its history of providing electronics recycling services in other Florida counties enabled CRS to largely determine what would work, what would not be feasible.

However, the company became adept at further identifying applicable trends during the Demonstration Project. Varying demographics and the diverse needs of participating counties provided CRS with an opportunity to assess different electronics recycling approaches within the Demonstration Project area, and learn from them. The following is a summary of what was identified through the Demonstration Project:

- ❑ Electronics recycling infrastructures were effectively developed at minimal cost because of CRS expertise in leveraging available resources. This leveraging also resulted in a minimal need for additional staff or facilities
- ❑ A regional approach to electronics recycling was developed because of active participation and support by the most populous county within the region
- ❑ Involving a diverse group of government, business, and nonprofit partners added to the effectiveness of local recycling efforts because of their understanding of why electronic recycling is essential in an economic and environmental context
- ❑ The successful creation of local electronics recycling programs and the resulting development of a regional electronics infrastructure were due to the strong community response generated through a concerted public awareness and education campaigns
- ❑ Available resources were effectively leveraged because of the development of mutually beneficial partnerships, presentations to community groups and other stakeholders, and the ability to enhance public awareness through donated advertising and media coverage by broadcast and print outlets
- ❑ A wider and more complete understanding by local officials of the issues associated with electronics recycling was developed because of the collective impetus of the Demonstration Project, related DEP initiatives, and participation by regionally based entities such as METRA
- ❑ Several counties were able to develop local recycling infrastructures and reduce their operating costs because of the successful application of the Citrus County electronics recycling contract model
- ❑ The reluctance of counties to establish electronics recycling infrastructures was eased because of financial incentives that enabled them to avoid paying market rates for the recycling of end-of-life electronic equipment
- ❑ When the contractor provides pro-bono electronics recycling expertise, the resulting dividends far exceeds its immediate monetary value because local governments will apply this expertise in the long term to economize and streamline their recycling resources.
- ❑ When the contractor undertakes an independent marketing and public awareness campaign, the value far exceeds campaign expenses because it enhances public awareness and offers further perspective about the importance of electronics recycling

Section D – Conclusions and Recommendations

Lessons Learned

These conclusions result from the experience CRS gained from implementing the Countywide Electronics Recycling Demonstration Project:

- ❑ In order for local recycling programs to attain their full potential, they must serve the specific needs of their residents while retaining sufficient flexibility to be linked on a regional basis
- ❑ It is important to prohibit the disposal of end-of-life electronics in landfills in counties that have an electronics recycling infrastructure in place
- ❑ Tax advantages present a significant incentive for businesses to recycle end-of-life electronics with nonprofit organizations
- ❑ Paying businesses for their end-of-life electronics furnishes an additional inducement for recycling
- ❑ A “reverse milk-run” approach for picking up end-of-life electronics from businesses, government entities and nonprofit organizations proved highly effective
- ❑ The accrued value of end-of-life electronics can offset some processing costs and, in some cases, actually generate revenue if a high degree of product knowledge and professional expertise is present
- ❑ The degree of community participation, financial support, and logistical assistance significantly impacts the success of local electronics recycling infrastructures
- ❑ Securing widespread participation from government entities, businesses, nonprofit organizations, and households is critical to the effectiveness of the local electronics recycling infrastructure
- ❑ There is a direct correlation between limiting costs and successfully implementing the electronics recycling infrastructure
- ❑ Through this demonstration project the Department of Environmental Protection was assisted in reinforcing the full extent of the potential hazards presented by the improper disposal of end-of-life electronics

Section D – Conclusions and Recommendations

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Appendices A

APPENDIX A –

SUMMARY OF NONPROFIT COMPUTER EQUIPMENT DONATIONS

This summary demonstrates the importance that Creative Recycling Systems, Inc. places on distributing suitable end-of-life electronics to deserving nonprofit organizations. However, the time and effort required to assist counties in establishing effective electronics recycling infrastructures through the SW 213 contract has delayed the development of a corresponding nonprofit donation infrastructure. As local electronics recycling services take hold, this component will be thoroughly addressed in close consultation with officials in each county served by an extension of the SW 213 model.

Creative Recycling Systems, Inc. fosters community improvements through a policy of giving that dates from its inception. The CRS commitment to being a good corporate citizen begins with its leadership role as a steward of the environment. It is reinforced through supporting community endeavors that benefit schools, churches, non-profit organizations, and the individuals they serve.

This ethic of corporate responsibility is manifested by how CRS makes it possible for a large number of deserving organizations to obtain computers, monitors, printers, and other equipment at no charge. Many of them would otherwise be unable to afford this technology and the benefits they create.

In fact, CRS is among the electronics recycling industry leaders in bridging the digital divide. Its stature in that regard predates the implementation of the SW 213 Demonstration Project.

Computers from Creative Recycling Systems are enabling at-risk children and adults to learn a variety of technology-related skills. For example, more than 100 computers are provided each year to Idlewild Baptist Church in Tampa so that it can provide outreach training. At-risk children between 11 and 13 years of age are taught how to use Microsoft Office software and the Internet. Each 12-week course involves between 10 and 20 children, who are given computers upon completion. It has proven so popular that 200 children are currently on a waiting list.

A similar number of adults are upgrading their computer skills through the Idlewild program, and the demand for this training is equally strong. Many students are in transition from welfare to the workforce, and they receive computers from CRS once course requirements are fulfilled.

Donated computers have also enabled the church to establish a lab where people can become even more proficient on their own.

In addition, Idlewild provides outreach training in a different country each year. CRS is providing the computers to be used in July by 20 children selected from four separate parishes in Jamaica. The course is similar to its Tampa counterpart, and will take place in Montego Bay. Each child will receive a computer after the training concludes.

CRS is also providing computers to the Ms. Latina program, which annually benefits 25 at-risk Hispanic girls from Charlotte, Manatee, and Sarasota counties in Florida each year. They learn how to seek a job, interview for the position, open a bank account, and other important life skills. Each girl is nominated by local middle school teachers, and agrees to keep a 2.5 grade point average along with abstaining from drugs, sex, and alcohol. Their Ms. Latina experience concludes with a special pageant that honors the accomplishments of everyone who is enrolled.

APPENDIX A –

The program continues for several months, and is offered three days per week. It is greatly enhanced by the donated computers. In addition to learning computer proficiency, each girl must develop a strategy for establishing an Internet business. As with the Idlewild outreach program, everyone completing the Ms. Latina curriculum is given a computer by CRS.

Meanwhile, CRS has donated computers, monitors, and printers to selected foster families in partnership with For The Family, Inc. Each family received complete training and repair services from the company at no charge. Its financial support also served as an incentive to attract cash donations and other contributions from area businesses. CRS President Jon Yob is a member of the For The Family Board of Directors.

The company's electronic recycling partnership in Broward County is valuable for many reasons. However, the benefits are particularly meaningful to the Broward Association for Retarded Citizens (ARC). This non-profit agency teaches a wide variety of employment skills to physically and mentally challenged residents. CRS is training Broward-ARC personnel so that their expertise can help provide job skills, and is also showing them how to maximize the benefits of their electronics collection activities.

Additional beneficiaries include the Crisis Center of Tampa Bay, the CASA Gateway Transitional Housing Program in St. Petersburg, the Orange County Jail Ministry, Mary Help of Christians School, Durant High School in River Ridge, Robinson High School in Tampa, the University Area Community Center, and the Ridge Area Association of Retarded Citizens in Avon Park.

While Creative Recycling Systems has had to structure its philanthropic strategy according to the resources at hand, the company has a tradition of providing support whenever a credible request is received. A partial summary of this support is listed below.

ORGANIZATION	AMOUNT/VALUE OF DONATION	DATE OF DONATION
Ms. Latina USA, Inc.	40 computers	10/02
Stuckey Kids Enrichment Program	7 computers	10/02
Children's Home Seffner	15 computers	12/02
For The Family, Inc.	\$4,600	12/02
Christian Coalition	2 computers	1/03
Jumpstart for High School Seniors	4 computers	3/03
Haynes Service Corporation	1 computer	4/03
Progress Energy UNICEF Project	5 computers	7/03
Idlewild Baptist Church	34 computers	8/03
Joshua House	10 computers	8/03
Office of U.S. Marshal	Recycling of Miscellaneous Equipment	8/03
Rebirth Academy	5 computers	9/03
Lakeland Boys & Girls Club	16 computers	10/03

APPENDIX A –

CRS PROMOTION OF ORANGE COUNTY MOBILE COLLECTION

The following material summarizes how Creative Recycling Systems, Inc. promoted Mobile Collections of end-of-life electronics among Orange County residents independent of the efforts undertaken by Orange County government. It resulted in either advance or on-the-spot coverage by the following media outlets: Orlando Sentinel, Orlando Business Journal, Orlando Weekly, WESH-TV, WFTV, WKMG-TV, and Central Florida News 13.

The following material demonstrates how a comprehensive promotional campaign can yield significant benefits in generating public awareness.

Creative Recycling Systems, Inc.

FOR IMMEDIATE RELEASE

February 11, 2003

ELECTRONICS RECYCLING PARTNERSHIP ENCOURAGES ORANGE COUNTY RESIDENTS TO PROTECT THEIR ENVIRONMENT

Orlando, Florida – Potential hazards posed by outmoded televisions, computer monitors, and other electronic equipment include the release of carcinogens and heavy metals such as lead, cadmium, mercury, and hexavalent chromium. The harmful environmental impact cannot be overstated, especially since the number of these items is growing dramatically as technology improves.

Orange County officials realize this, and they have selected Creative Recycling Systems, Inc. (CRS) to take on the challenge of recycling all forms of household electronics. This 12-month pilot program is an outgrowth of a Demonstration Project in which CRS helps counties across Florida build their own electronic recycling systems in conjunction with the Department of Environmental Protection. The company is already working with other counties in this regard, and more are likely to use its expertise during the next several months.

One particularly important point is that CRS is making it possible for each county to create its own system *at minimal cost by utilizing current facilities*.

[MORE]

ORANGE COUNTY RESIDENTS CAN NOW RECYCLE ELECTRONICS

Add 111

Local residents are able to drop off household electronic equipment without charge seven days a week at the Orange County Household Hazardous Waste Facility (5901 Young Pine Road in Orlando). In addition, a series of quarterly mobile collections are planned during 2003. The first is being held at the Union Park Middle School in eastern Orange County on February 15, with future collections planned for April, July, and October. Again, there will be no charge for residents who wish to unload their household electronics.

CRS will initially furnish a 24-foot long box truck to store what is brought to the February collection, with a second truck in reserve. It will also supply additional capacity as needed. Company personnel will help county staff deal with any challenges that arise, and will survey every resident who participates in the quarterly mobile collections. These suggestions will help the Orange County recycling program to become even more effective.

Once the household electronic equipment is turned in at either the mobile or central collection sites, CRS will take all of it to Tampa for recycling. More than 99% of everything collected from county residents is recycled and diverted from the solid waste stream.

[MORE]

ORANGE COUNTY RESIDENTS CAN NOW RECYCLE ELECTRONICS

Add 222

Dan Morrical, P.E., is Chief Engineer of the Orange County Utilities Solid Waste Division, and he is pleased by the prospect of teaming up with CRS. "They are able to give us guidance on what works and what doesn't based on prior experience." That experience dates back to helping Pinellas County build a nationally recognized program for recycling electronic equipment. Creative Recycling Systems has also established mutually beneficial recycling partnerships with many other counties of varying size throughout Florida.

The Orange County program is sure to play a critical role in the development of an electronics recycling infrastructure within the region.

Besides its proven track record in working with local governments, CRS also performs a wide variety of electronic recycling services for hundreds of small businesses, non-profit organizations, and Fortune 500 companies.

Information Contact:

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Dan Morrical, P.E., Chief Engineer
Orange County Utilities
(407) 836-6654/(407) 836-6629 fax
E-mail: dan.morriral@ocfl.net

Creative Recycling Systems, Inc.

MEDIA ADVISORY FOR SATURDAY MORNING

Prepared and Distributed – February 14, 2003

INAUGURAL EVENT ENCOURAGES ORANGE COUNTY RESIDENTS TO RECYCLE HOUSEHOLD ELECTRONICS

When: Saturday, February 15, 2003 between 8:00 a.m. and 3:00 p.m.

Where: Union Park Middle School, 1844 Westfall Road [*Take I-4 West from Downtown Orlando to the East-West Expwy (SR 408), then head east to the Central Fla. Greenway (SR 417). Go north to Exit 34 (SR 50) and turn right. After about 1.5 miles, you will come to Westfall Road. Turn left, and the school will be visible a short time later*]

What will happen: Orange County residents will be able to drop off household electronic equipment for recycling free of charge. This is the first of four Mobile Collection Events to be sponsored by Orange County Utilities Solid Waste Division under a contract with Creative Recycling Systems (CRS). Other collections are planned in different parts of the county in April, July, and October to maximize electronics recycling opportunities for local residents.

What happens next: The electronic equipment will be taken by CRS to its Tampa facility. It then undergoes a demanufacturing process that successfully recycles over 99% of all collected materials. Potentially hazardous materials such as lead, mercury, and cadmium are appropriately recycled.

Why this is significant: These Mobile Collection Events offer maximum accessibility to Orange County residents. The Creative Recycling Systems contract with Orange County is an important element in the development of the Central Florida region's electronics recycling infrastructure.

Information Contact:

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E-mail: jayob@crsrecycling.com

MEDIA CONTACT LIST
ORANGE COUNTY ELECTRONICS DEMONSTRATION PROJECT

Creative Recycling Systems, Inc.

A. LOCAL PRINT MEDIA

Orlando Sentinel News Desk

Scott Maxwell, City Government Reporter Phone: (407) 420-5911
Fax: (407) 420-5350 E-mail: smaxwell@orlandosentinel.com

Orlando Business Journal

Pat Beall Phone: (407) 649-8470 Fax: (407) 649-8469
E-mail: pbeall@bizjournals.com

Orlando Weekly

Bob Whitby Phone: (407) 377-0400 Fax: (407) 377-0420
E-mail: bwhitby@orlandoweekly.com

B. LOCAL BROADCAST MEDIA

WESH Television

Assignment Desk Phone: (407) 645-2222 Fax: (407) 539-7948
E-mail: desk@wesh.com

WFTV Television

Reena Bhardwaj Phone: (407) 822-8380 Fax: (407) 481-2891
E-mail: news@wftv.com

WKMG Television

Assignment Desk Phone: (407) 521-1200 Fax: (407) 298-2122
E-mail: desk@wkmg.com

Central Florida News 13

Senior Assignment Editor: Jennifer Blum (AM Weekday),
Joana Musser (PM Wkday), Cara Otto (AM Wkend), Jenna McGraw (PM Wkend)
Phone: (407) 513-1313 Fax: (407) 513-1399 E-mail: newsdesk@cfnews13.com

MEDIA CONTACT LIST – ORANGE COUNTY E.D.P.
Page Two

C. OTHER RELEVANT MEDIA

Tallahassee Democrat

Audrey Post Phone: (850) 599-2151 Fax: (850) 599-2295
E-mail: 1. aepost@tallahassee.com 2. mstewart@tallahassee.com

ORANGE COUNTY PROMO 1
Creative Recycling Systems, Inc.

Creative Recycling Systems is proud to join with Orange County in developing a program that enables people to recycle their end-of-life electronic equipment. This convenient and practical service allows each county resident to help protect our environment from harmful by-products like mercury and lead.

Old computers, monitors, televisions, stereos, and other household electronic components are accepted for recycling each day at the Household Hazardous Waste Facility (5901 Young Pine Road).

Residents can also drop off these items during a series of mobile collection events. The first was held at Union Park Middle School on Saturday, February 15. It showed how well people in Orange County understand the value of recycling, especially when it's this easy to do. More than 7,700 pounds of end-of-life electronic equipment was dropped off between 8:00 am and 3:00 pm. Some people traveled 40 miles or more to join in the fun, and future collections are planned for other parts of the county during April, July, and October.

Even though we live in a throwaway society, some things just aren't meant to be taken out with the trash. Electronic equipment certainly fits that description, especially because CRS can recycle it with virtually nothing going to waste.

We welcome the opportunity to work closely with the Orange County Utilities Solid Waste Division in recycling household electronics. Thank you for doing whatever you can to make our partnership successful.

Creative Recycling Systems, Inc.

FOR IMMEDIATE RELEASE

February 24, 2003

ORANGE COUNTY RESIDENTS ANSWER THE BELL

IN FIRST MOBILE COLLECTION OF HOUSEHOLD ELECTRONICS

Orlando, Florida – The effort to protect our air and water from the potential hazards posed by the improper disposal of electronic equipment took a major step forward on February 15 at Union Park Middle School in Orange County. Residents traveled as many as 40 miles so that their outmoded televisions, computer monitors, and other end-of-life household electronics could be recycled instead of endangering the environment.

This was the first event of its kind ever held in Orange County, and more than 7,700 pounds of electronic equipment were dropped off by approximately 75 people between 8:00 am and 3:00 pm. Creative Recycling Systems, Inc. (CRS) is coordinating the collections effort under a contract with the Orange County Utilities Solid Waste Division.

This partnership received high marks from those who took part. One person especially liked the idea of electronics recycling being undertaken by “county waste management and a reliable recycler,” while another thought that Orange County should depend on “a private, reliable recycling company” to operate a safe safe program.

-MORE-

ORANGE COUNTY RESIDENTS ANSWER THE BELL

Add 111

While the flow of household electronics was fairly steady, the busiest period was between 12 noon and 2:00 pm. Participants thought that recycling was “a good idea to keep materials from ending up in the landfill,” and “a convenient way to get rid of my old electronics.” Besides the presence of Orange County Solid Waste personnel, as many as six sheriff’s deputies volunteered their time to make sure that traffic proceeded smoothly throughout the day.

After the household electronic equipment was turned in, CRS transported it to Tampa for recycling. More than 99% of everything collected from county residents is recycled and diverted from the solid waste stream.

Dan Morrical, P.E., is Chief Engineer of the Orange County Utilities Solid Waste Division, and he is pleased by the prospect of teaming up with CRS. “They are able to give us guidance on what works and what doesn’t based on prior experience.” That experience dates back to helping Pinellas County build a nationally recognized program for recycling electronic equipment. Creative Recycling Systems has also established mutually beneficial recycling partnerships with many other counties of varying size throughout Florida.

The Orange County program could potentially lead to the expansion of its electronics recycling infrastructure to other Central Florida counties.

-MORE-

ORANGE COUNTY RESIDENTS ANSWER THE BELL

Add 222

Other mobile collections are planned for various locations throughout Orange County in April, July, and October. Meanwhile, residents can also recycle electronic equipment free of charge by taking it to the Orange County Household Hazardous Waste Facility (5901 Young Pine Road in Orlando). This service is available seven days a week.

Besides its proven track record in working with local governments, CRS also performs a wide variety of electronic recycling services for hundreds of small businesses, non-profit organizations, and Fortune 500 companies.

-30-

Information Contact:

Jon Yob, President/CEO

Creative Recycling Systems, Inc.

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E-mail: jayob@crserecycling.com

Creative Recycling Systems, Inc.

FOR IMMEDIATE RELEASE

April 14, 2003

RECYCLING ELECTRONICS IS EASY

IN ORANGE COUNTY ON APRIL 19

Orlando, Florida – Orange County residents will have another opportunity to recycle outmoded televisions, computer monitors, and other electronic equipment between 8:00 am and 3:00 pm on Saturday, April 19 at the Orange County Service Building in Ocoee (475 West Story Road). All household electronics will be accepted free of charge.

This is the second of four regional collections to be sponsored by the Orange County Solid Waste Department during 2003. Nearly four tons of household electronics were dropped off when the inaugural mobile collection was held at Union Park Middle School last February. Creative Recycling Systems, Inc. (CRS) is responsible for the safe processing of all household electronic equipment turned in by local residents through its contract with Orange County.

Everyone is encouraged to join in the effort to protect the environment from hazards posed by the improper disposal of electronic equipment. The potential danger to our natural resources cannot be overstated, especially since the number of these items will grow dramatically as technology improves.

-MORE-

RECYCLING ELECTRONICS IS EASY IN ORANGE COUNTY

Add 111

In addition to what is turned in at the mobile collections, CRS recycles any electronics that are dropped off at the Orange County Household Hazardous Waste Facility (5901 Young Pine Road in Orlando). This site accepts household electronics for recycling seven days per week.

More than 90% of everything collected from county residents is recycled by CRS and diverted from the solid waste stream, with the remainder safely processed according to strict environmental standards. County solid waste officials expect up to 100 carloads of electronic equipment to be brought to the Ocoee collection, which will also accept household hazardous waste such as pesticides, paint and automotive products, and various chemicals. If the February event is any indication, the busiest time for collections will be from 12 noon until 2:00 pm.

Creative Recycling Systems, Inc. will staff the event with as many as five employees. The company is also allocating a 24' box truck and a rolloff container to store the electronics until they can be transported for recycling.

This mobile collection is part of the Orange County program that further develops the electronics recycling infrastructure in Central Florida.

Creative Recycling Systems, Inc.

MEDIA ADVISORY FOR SATURDAY, APRIL 19

TODAY'S MOBILE COLLECTION MAKES RECYCLING HOUSEHOLD ELECTRONICS EVEN EASIER

When: Saturday, April 19, 2003 between 8:00 a.m. and 3:00 p.m.

Where: Orange County Service Building at 475 West Story Road in Ocoee

What will happen: Orange County residents will be able to drop off household electronic equipment for recycling free of charge. This is the second of four Mobile Collection Events to be sponsored by Orange County Utilities Solid Waste Division under a contract with Creative Recycling Systems (CRS). Other collections are planned in different parts of the county in July and October to maximize electronics recycling opportunities for local residents.

What happens next: The electronic equipment will be taken by CRS to its Tampa facility. It then undergoes a demanufacturing process that successfully recycles over 99% of all collected materials. Potentially hazardous materials such as lead, mercury, and cadmium are appropriately recycled.

Why this is significant: These Mobile Collection Events offer maximum accessibility to Orange County residents. The Creative Recycling Systems contract with Orange County is an important element in the development of the Central Florida region's electronics recycling infrastructure.

Projected results: Up to 100 carloads of electronic equipment are expected to be dropped off by local residents, with the most active period anticipated between 12 noon and 2:00 pm. The mobile collection will also accept household hazardous waste such as pesticides, paint and automotive products, and various chemicals.

Information Contact:
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E-mail: creative@crserecycling.com

Appendices B

Seminole County Totals

<u>Type</u>	<u>Count</u>	<u>Weight</u>	<u>Price</u>	<u>Total</u>
Monitors	638	18161	\$ 6.00 \$	3,828.00
TV Large	273	16641	\$ 13.00 \$	3,549.00
TV Small	357	17450	\$ 8.00 \$	2,856.00
CPU	441	10440	\$ - \$	-
Small Peripherals (keybds, mice etc)	358	1300	\$ 2.00 \$	716.00
Lg. Peripherals (Printers, scanners etc.)	303	5154	\$ 2.00 \$	606.00
Telecommunication devices	50	374	\$ - \$	-
Video and Audio Equipment	132	14549	\$ 2.00 \$	264.00
		58263	\$	11,819.00

Seminole County 7-17-03
40 yd from Transfer Station

<u>Type</u>	<u>Count</u>	<u>Weight</u>	<u>Price</u>	<u>Total</u>
Monitors	0	0 \$	6.00 \$	-
TV Large	33	1852 \$	13.00 \$	429.00
TV Small	50	2293 \$	8.00 \$	400.00
CPU	0	0 \$	- \$	-
Peripherals	0	0 \$	2.00 \$	-
Telecommunication devices	0	0 \$	- \$	-
Video and Audio Equipment	0	0 \$	2.00 \$	-
		4145		\$ 829.00

Seminole County 7-22-03
Box Truck Load

<u>Type</u>	<u>Count</u>	<u>Weight</u>	<u>Price</u>	<u>Total</u>
Monitors	86	2569	\$ 6.00 \$	516.00
TV Large	19	1735	\$ 13.00 \$	247.00
TV Small	14	678	\$ 8.00 \$	112.00
CPU	36	876	\$ - \$	-
Small Peripherals (keybds, mice etc)	0	0	\$ 2.00 \$	-
Lg. Peripherals (Printers, scanners etc.)	106	387	\$ 2.00 \$	212.00
Telecommunication devices	0	0	\$ - \$	-
Video and Audio Equipment	0	0	\$ 2.00 \$	-
		6245	\$	1,087.00

Seminole County 8-28-03
40 yd from Transfer Station

<u>Type</u>	<u>Count</u>	<u>Weight</u>	<u>Price</u>	<u>Total</u>
Monitors	2	72	\$ 6.00	\$ 12.00
TV Large	53	4637	\$ 13.00	\$ 689.00
TV Small	82	3781	\$ 8.00	\$ 656.00
CPU	0	0	\$ -	\$ -
Peripherals	0	0	\$ 2.00	\$ -
Telecommunication devices	0	0	\$ -	\$ -
Video and Audio Equipment	20	268	\$ 2.00	\$ 40.00
		8758		\$ 1,397.00

Seminole County 8-28-03
Box Truck Load

<u>Type</u>	<u>Count</u>	<u>Weight</u>	<u>Price</u>	<u>Total</u>
Monitors	134	3874	\$ 6.00	\$ 804.00
TV Large	0	0	\$ 13.00	\$ -
TV Small	0	0	\$ 8.00	\$ -
CPU	148	3563	\$ -	\$ -
Small Peripherals (keybds, mice etc)	16	52	\$ 0.50	\$ 8.00
Lg. Peripherals (Printers, scanners etc.)	32	1379	\$ 2.00	\$ 64.00
Telecommunication devices	5	11	\$ -	\$ -
Video and Audio Equipment	8	132	\$ 2.00	\$ 16.00
		9011		\$ 892.00

Seminole County 9-18-03

Box Truck Load - Rest of what was picked up on collection day

<u>Type</u>	<u>Count</u>	<u>Weight</u>	<u>Price</u>	<u>Total</u>
Monitors	84	2307	\$ 6.00	\$ 504.00
TV Large	0	0	\$ 13.00	\$ -
TV Small	0	0	\$ 8.00	\$ -
CPU	77	2007	\$ -	\$ -
Small Peripherals (keybds, mice etc)	64	232	\$ 0.50	\$ 32.00
Lg. Peripherals (Printers, scanners etc.)	33	619	\$ 2.00	\$ 66.00
Telecommunication devices	0	0	\$ -	\$ -
Video and Audio Equipment	15	141	\$ 2.00	\$ 30.00
		5306		\$ 632.00

Seminole County 11-17-03
Straight Truck

<u>Type</u>	<u>Count</u>	<u>Weight</u>	<u>Price</u>	<u>Total</u>
Monitors	188	5427	\$ 6.00	\$ 1,128.00
TV Large	0	0	\$ 13.00	\$ -
TV Small	1	37	\$ 8.00	\$ 8.00
CPU	19	468	\$ -	\$ -
Small Peripherals (keybds, mice etc)	46	197	\$ 2.00	\$ 92.00
Lg. Peripherals (Printers, scanners etc.)	79	1724	\$ 2.00	\$ 158.00
Telecommunication devices	14	57	\$ -	\$ -
Video and Audio Equipment	50	697	\$ 2.00	\$ 100.00
		8607		\$ 1,486.00

Seminole County 12-15-03
40 Yd. Roll-off

<u>Type</u>	<u>Count</u>	<u>Weight</u>	<u>Price</u>	<u>Total</u>
Monitors	0	0	\$ 6.00	\$ -
TV Large	112	3679	\$ 13.00	\$ 1,456.00
TV Small	103	5759	\$ 8.00	\$ 824.00
CPU	0	0	\$ -	\$ -
Small Peripherals (keybds, mice etc)	0	0	\$ 2.00	\$ -
Lg. Peripherals (Printers, scanners etc.)	0	0	\$ 2.00	\$ -
Telecommunication devices	0	0	\$ -	\$ -
Video and Audio Equipment	0	0	\$ 2.00	\$ -
		9438		\$ 2,280.00

Seminole County 1-6-04
40 Yd. Roll-off

<u>Type</u>	<u>Count</u>	<u>Weight</u>	<u>Price</u>	<u>Total</u>
Monitors	144	3912	\$ 6.00	\$ 864.00
TV Large	0	0	\$ 13.00	\$ -
TV Small	0	0	\$ 8.00	\$ -
CPU	161	3526	\$ -	\$ -
Small Peripherals (keybds, mice etc)	232	819	\$ 2.00	\$ 464.00
Lg. Peripherals (Printers, scanners etc.)	53	1045	\$ 2.00	\$ 106.00
Telecommunication devices	11	38	\$ -	\$ -
Video and Audio Equipment	43	468	\$ 2.00	\$ 86.00
		9808		\$ 1,520.00

Seminole County 10-8-03
40 yd. Roll-off

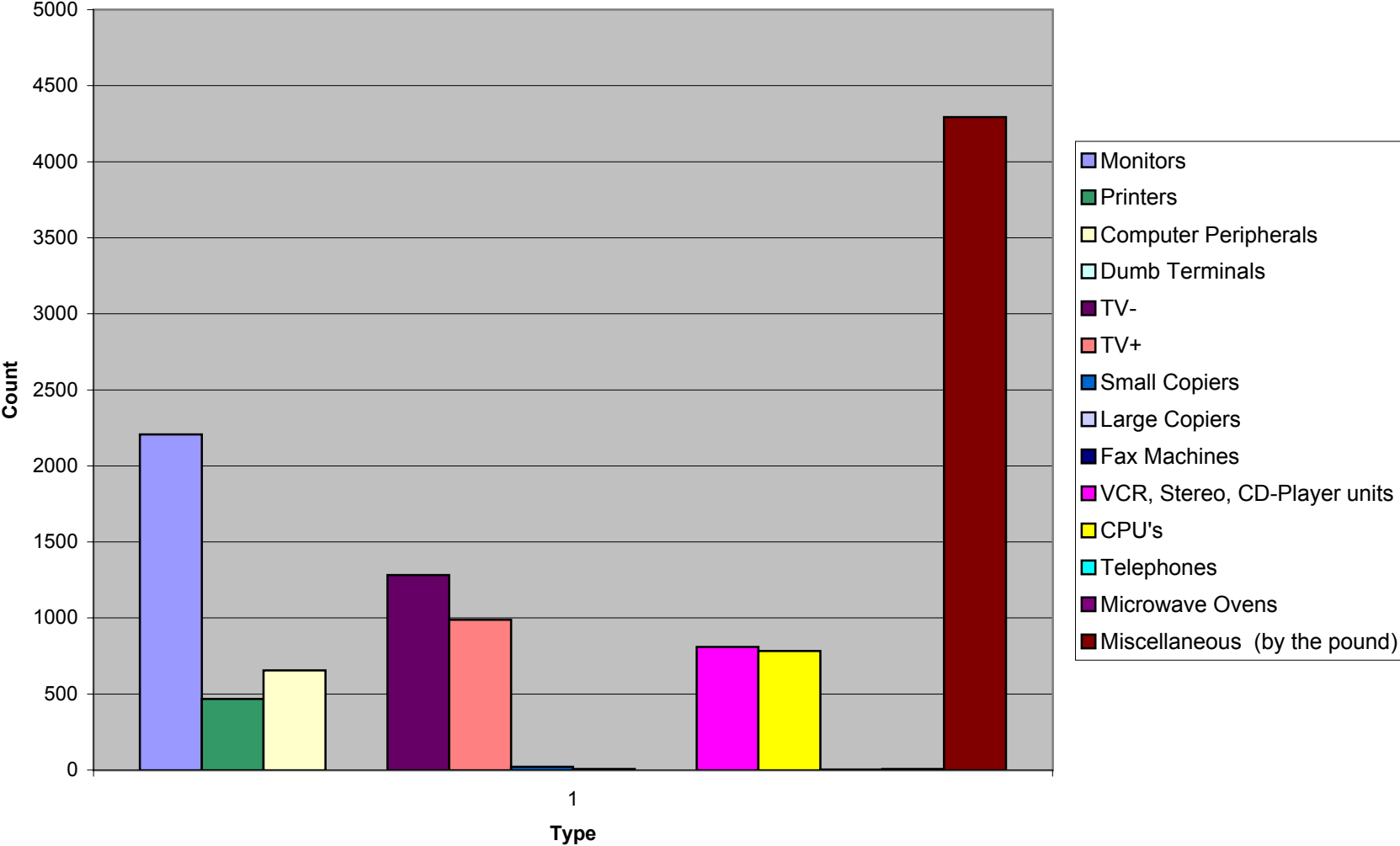
<u>Type</u>	<u>Count</u>	<u>Weight</u>	<u>Price</u>	<u>Total</u>
Monitors	0	0	\$ 6.00 \$	-
TV Large	56	4738	\$ 13.00 \$	728.00
TV Small	107	4902	\$ 8.00 \$	856.00
CPU	0	0	\$ - \$	-
Small Peripherals (keybds, mice etc)	0	0	\$ 0.50 \$	-
Lg. Peripherals (Printers, scanners etc.)	0	0	\$ 2.00 \$	-
Telecommunication devices	0	0	\$ - \$	-
Video and Audio Equipment	16	208	\$ 2.00 \$	32.00
		9848	\$	1,616.00

Lake County 2003 Totals

Type	Qty		Price		Total
Monitors	2207	\$	5.00	\$	11,035.00
Printers	468	\$	2.00	\$	936.00
Computer Peripherals	656	\$	0.50	\$	328.00
Dumb Terminals	0	\$	7.50	\$	-
TV-	1282	\$	8.00	\$	10,256.00
TV+	989	\$	13.00	\$	12,857.00
Small Copiers	22	\$	5.00	\$	110.00
Large Copiers	7	\$	10.00	\$	70.00
Fax Machines	0	\$	2.00	\$	-
VCR, Stereo, CD-Player units	810	\$	1.00	\$	810.00
CPU's	782	\$	-	\$	-
Telephones	3	\$	-	\$	-
Microwave Ovens	7	\$	2.00	\$	14.00
Miscellaneous (by the pound)	4293	\$	0.20	\$	858.60
				\$	37,274.60

Net Weight from 1/09/03 thru 1/31/04 281830

Lake County Collection Counts



Lake County 1-9-03

Type	Qty	Price	Total
Monitors	0 \$	5.00 \$	-
Printers	0 \$	2.00 \$	-
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	67 \$	8.00 \$	536.00
TV+	46 \$	13.00 \$	598.00
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	0 \$	1.00 \$	-
CPU's	0 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
			\$ 1,134.00

Net Weight	7650
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Lake County 1-22-04

Type	Qty	Price	Total
Monitors	2 \$	5.00 \$	10.00
Printers	0 \$	2.00 \$	-
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	88 \$	8.00 \$	704.00
TV+	64 \$	13.00 \$	832.00
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	0 \$	1.00 \$	-
CPU's	0 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
		\$	1,546.00

Net Weight 10660 lbs. 10660

Lake County 1-28-04

Type	Qty	Price	Total
Monitors	226 \$	5.00 \$	1,130.00
Printers	0 \$	2.00 \$	-
Computer Peripherals	49 \$	0.50 \$	24.50
Dumb Terminals	0 \$	7.50 \$	-
TV-	0 \$	8.00 \$	-
TV+	0 \$	13.00 \$	-
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	117 \$	1.00 \$	117.00
CPU's	146 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	149 \$	0.20 \$	29.80
		\$	1,301.30

Net Weight 15340 lbs. 15340

Lake County 1-31-04

Type	Qty	Price	Total
Monitors	101 \$	5.00 \$	505.00
Printers	1 \$	2.00 \$	2.00
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	48 \$	8.00 \$	384.00
TV+	53 \$	13.00 \$	689.00
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	2 \$	1.00 \$	2.00
CPU's	0 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
		\$	1,582.00

Net Weight 9460 lbs.

9460

Lake County 2-7-03

Type	Qty	Price	Total
Monitors	0 \$	5.00 \$	-
Printers	0 \$	2.00 \$	-
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	98 \$	8.00 \$	784.00
TV+	74 \$	13.00 \$	962.00
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	0 \$	1.00 \$	-
CPU's	0 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
			\$ 1,746.00

Net Weight 11730

Lake County 2-11-03

Type	Qty	Price	Total
Monitors	64 \$	5.00 \$	320.00
Printers	150 \$	2.00 \$	300.00
Computer Peripherals	208 \$	0.50 \$	104.00
Dumb Terminals	0 \$	7.50 \$	-
TV-	2 \$	8.00 \$	16.00
TV+	0 \$	13.00 \$	-
Small Copiers	11 \$	5.00 \$	55.00
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	139 \$	1.00 \$	139.00
CPU's	244 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	1425 \$	0.20 \$	285.00
			\$ 1,219.00

Net Weight 14870

Lake County 2-18-03

Type	Qty	Price	Total
Monitors	341	\$ 5.00	\$ 1,705.00
Printers	23	\$ 2.00	\$ 46.00
Computer Peripherals	20	\$ 0.50	\$ 10.00
Dumb Terminals	0	\$ 7.50	\$ -
TV-	1	\$ 8.00	\$ 8.00
TV+	0	\$ 13.00	\$ -
Small Copiers	0	\$ 5.00	\$ -
Large Copiers	0	\$ 10.00	\$ -
Fax Machines	0	\$ 2.00	\$ -
VCR, Stereo, CD-Player units	70	\$ 1.00	\$ 70.00
CPU's	0	\$ -	\$ -
Telephones	0	\$ -	\$ -
Microwave Ovens	0	\$ 2.00	\$ -
Miscellaneous (by the pound)	150	\$ 0.20	\$ 30.00
			\$ 1,869.00

Net Weight 11830

Lake County 2-27-03

Type	Qty	Price	Total
Monitors	0	\$ 5.00	\$ -
Printers	122	\$ 2.00	\$ 244.00
Computer Peripherals	92	\$ 0.50	\$ 46.00
Dumb Terminals	0	\$ 7.50	\$ -
TV-	4	\$ 8.00	\$ 32.00
TV+	1	\$ 13.00	\$ 13.00
Small Copiers	4	\$ 5.00	\$ 20.00
Large Copiers	5	\$ 10.00	\$ 50.00
Fax Machines	0	\$ 2.00	\$ -
VCR, Stereo, CD-Player units	0	\$ 1.00	\$ -
CPU's	0	\$ -	\$ -
Telephones	0	\$ -	\$ -
Microwave Ovens	2	\$ 2.00	\$ 4.00
Miscellaneous (by the pound)	1585	\$ 0.20	\$ 317.00
			\$ 726.00

Net Weight 5980

Lake County 2-27-03 Roll-off

Type	Qty	Price	Total
Monitors	0 \$	5.00 \$	-
Printers	0 \$	2.00 \$	-
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	95 \$	8.00 \$	760.00
TV+	79 \$	13.00 \$	1,027.00
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	0 \$	1.00 \$	-
CPU's	0 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
			\$ 1,787.00

Net Weight 12110

Lake County 3-26-03

Type	Qty	Price	Total
Monitors	0 \$	5.00 \$	-
Printers	0 \$	2.00 \$	-
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	87 \$	8.00 \$	696.00
TV+	42 \$	13.00 \$	546.00
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	3 \$	1.00 \$	3.00
CPU's	0 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	5 \$	2.00 \$	10.00
Miscellaneous (by the pound)	75 \$	0.20 \$	15.00
			\$ 1,270.00

Net Weight 8650

Lake County 4-25-03

Type	Qty	Price	Total
Monitors	0 \$	5.00 \$	-
Printers	0 \$	2.00 \$	-
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	99 \$	8.00 \$	792.00
TV+	81 \$	13.00 \$	1,053.00
Small Copiers	1 \$	5.00 \$	5.00
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	2 \$	1.00 \$	2.00
CPU's	1 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
			\$ 1,852.00

Net Weight 12620

Lake County 5-8-03

Type	Qty	Price	Total
Monitors	324 \$	5.00	\$ 1,620.00
Printers	73 \$	2.00	\$ 146.00
Computer Peripherals	86 \$	0.50	\$ 43.00
Dumb Terminals	0 \$	7.50	\$ -
TV-	0 \$	8.00	\$ -
TV+	0 \$	13.00	\$ -
Small Copiers	0 \$	5.00	\$ -
Large Copiers	0 \$	10.00	\$ -
Fax Machines	0 \$	2.00	\$ -
VCR, Stereo, CD-Player units	94 \$	1.00	\$ 94.00
CPU's	48 \$	-	\$ -
Telephones	2 \$	-	\$ -
Microwave Ovens	0 \$	2.00	\$ -
Miscellaneous (by the pound)	517 \$	0.20	\$ 103.40
			\$ 2,006.40

Net Weight 13500

Lake County 5-22-03

Type	Qty	Price	Total
Monitors	0 \$	5.00 \$	-
Printers	0 \$	2.00 \$	-
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	128 \$	8.00	\$ 1,024.00
TV+	107 \$	13.00	\$ 1,391.00
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	0 \$	1.00 \$	-
CPU's	0 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
			\$ 2,415.00

Net Weight 16390

Lake County 6-11-03

Type	Qty	Price	Total
Monitors	185	\$ 5.00	\$ 925.00
Printers	61	\$ 2.00	\$ 122.00
Computer Peripherals	39	\$ 0.50	\$ 19.50
Dumb Terminals	0	\$ 7.50	\$ -
TV-	0	\$ 8.00	\$ -
TV+	0	\$ 13.00	\$ -
Small Copiers	0	\$ 5.00	\$ -
Large Copiers	0	\$ 10.00	\$ -
Fax Machines	0	\$ 2.00	\$ -
VCR, Stereo, CD-Player units	105	\$ 1.00	\$ 105.00
CPU's	0	\$ -	\$ -
Telephones	0	\$ -	\$ -
Microwave Ovens	0	\$ 2.00	\$ -
Miscellaneous (by the pound)	300	\$ 0.20	\$ 60.00
			\$ 1,231.50

Net Weight 8590

Lake County 6-25-03

Type	Qty	Price	Total
Monitors	0 \$	5.00 \$	-
Printers	0 \$	2.00 \$	-
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	136 \$	8.00 \$	\$ 1,088.00
TV+	104 \$	13.00 \$	\$ 1,352.00
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	0 \$	1.00 \$	-
CPU's	0 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
			\$ 2,440.00

Net Weight 16500

Lake County 7-16-03

Type	Qty	Price	Total
Monitors	0	\$ 5.00	\$ -
Printers	0	\$ 2.00	\$ -
Computer Peripherals	0	\$ 0.50	\$ -
Dumb Terminals	0	\$ 7.50	\$ -
TV-	42	\$ 8.00	\$ 336.00
TV+	41	\$ 13.00	\$ 533.00
Small Copiers	0	\$ 5.00	\$ -
Large Copiers	0	\$ 10.00	\$ -
Fax Machines	0	\$ 2.00	\$ -
VCR, Stereo, CD-Player units	0	\$ 1.00	\$ -
CPU's	0	\$ -	\$ -
Telephones	0	\$ -	\$ -
Microwave Ovens	0	\$ 2.00	\$ -
Miscellaneous (by the pound)	52	\$ 0.20	\$ 10.40
			\$ 879.40

Total weight 5970

Lake County 7-24-03

Type	Qty	Price	Total
Monitors	165 \$	5.00 \$	825.00
Printers	34 \$	2.00 \$	68.00
Computer Peripherals	85 \$	0.50 \$	42.50
Dumb Terminals	0 \$	7.50 \$	-
TV-	0 \$	8.00 \$	-
TV+	0 \$	13.00 \$	-
Small Copiers	6 \$	5.00 \$	30.00
Large Copiers	2 \$	10.00 \$	20.00
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	56 \$	1.00 \$	56.00
CPU's	0 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
			\$ 1,041.50

Net weight 16820lbs. 16820

Lake County7-25-03

Type	Qty	Price	Total
Monitors	309	\$ 5.00	\$ 1,545.00
Printers	0	\$ 2.00	\$ -
Computer Peripherals	0	\$ 0.50	\$ -
Dumb Terminals	0	\$ 7.50	\$ -
TV-	0	\$ 8.00	\$ -
TV+	0	\$ 13.00	\$ -
Small Copiers	0	\$ 5.00	\$ -
Large Copiers	0	\$ 10.00	\$ -
Fax Machines	0	\$ 2.00	\$ -
VCR, Stereo, CD-Player units	0	\$ 1.00	\$ -
CPU's	167	\$ -	\$ -
Telephones	0	\$ -	\$ -
Microwave Ovens	0	\$ 2.00	\$ -
Miscellaneous (by the pound)	0	\$ 0.20	\$ -
			\$ 1,545.00

Net Weight 9340lbs. 9340

Lake County 8-5-03

Type	Qty	Price	Total
Monitors	323	\$ 5.00	\$ 1,615.00
Printers	0	\$ 2.00	\$ -
Computer Peripherals	0	\$ 0.50	\$ -
Dumb Terminals	0	\$ 7.50	\$ -
TV-	0	\$ 8.00	\$ -
TV+	0	\$ 13.00	\$ -
Small Copiers	0	\$ 5.00	\$ -
Large Copiers	0	\$ 10.00	\$ -
Fax Machines	0	\$ 2.00	\$ -
VCR, Stereo, CD-Player units	0	\$ 1.00	\$ -
CPU's	0	\$ -	\$ -
Telephones	0	\$ -	\$ -
Microwave Ovens	0	\$ 2.00	\$ -
Miscellaneous (by the pound)	0	\$ 0.20	\$ -
			\$ 1,615.00

Net Weight 9340lbs. 9340

Lake County 8-8-03

Type	Qty	Price	Total
Monitors	4 \$	5.00 \$	20.00
Printers	0 \$	2.00 \$	-
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	72 \$	8.00 \$	576.00
TV+	54 \$	13.00 \$	702.00
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	0 \$	1.00 \$	-
CPU's	0 \$	- \$	-
Telephones	1 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
			\$ 1,298.00

Net Weight 8920lbs. 8920

Lake County 9-19-03

Type	Qty	Price	Total
Monitors	2 \$	5.00 \$	10.00
Printers	0 \$	2.00 \$	-
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	103 \$	8.00 \$	824.00
TV+	59 \$	13.00 \$	767.00
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	2 \$	1.00 \$	2.00
CPU's	0 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
			\$ 1,603.00

Net Weight 10820 lbs. 10820

Lake County 10-16-03

Type	Qty	Price	Total
Monitors	0 \$	5.00 \$	-
Printers	0 \$	2.00 \$	-
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	94 \$	8.00 \$	752.00
TV+	59 \$	13.00 \$	767.00
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	0 \$	1.00 \$	-
CPU's	0 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
		\$	1,519.00

Net Weight 8920 lbs. 8920

Lake County 11-18-03

Type	Qty	Price	Total
Monitors	0 \$	5.00 \$	-
Printers	3 \$	2.00 \$	6.00
Computer Peripherals	0 \$	0.50 \$	-
Dumb Terminals	0 \$	7.50 \$	-
TV-	47 \$	8.00 \$	376.00
TV+	42 \$	13.00 \$	546.00
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	4 \$	1.00 \$	4.00
CPU's	0 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	0 \$	0.20 \$	-
		\$	932.00

Net Weight 10620 lbs. 10620

Lake County 12-11-03

Type	Qty	Price	Total
Monitors	8	\$ 5.00	\$ 40.00
Printers	1	\$ 2.00	\$ 2.00
Computer Peripherals	0	\$ 0.50	\$ -
Dumb Terminals	0	\$ 7.50	\$ -
TV-	71	\$ 8.00	\$ 568.00
TV+	83	\$ 13.00	\$ 1,079.00
Small Copiers	0	\$ 5.00	\$ -
Large Copiers	0	\$ 10.00	\$ -
Fax Machines	0	\$ 2.00	\$ -
VCR, Stereo, CD-Player units	2	\$ 1.00	\$ 2.00
CPU's	0	\$ -	\$ -
Telephones	0	\$ -	\$ -
Microwave Ovens	0	\$ 2.00	\$ -
Miscellaneous (by the pound)	0	\$ 0.20	\$ -
			\$ 1,691.00

Net Weight 11620 lbs. 11620

Lake County 12-15-03

Type	Qty	Price	Total
Monitors	153 \$	5.00 \$	765.00
Printers	0 \$	2.00 \$	-
Computer Peripherals	77 \$	0.50 \$	38.50
Dumb Terminals	0 \$	7.50 \$	-
TV-	0 \$	8.00 \$	-
TV+	0 \$	13.00 \$	-
Small Copiers	0 \$	5.00 \$	-
Large Copiers	0 \$	10.00 \$	-
Fax Machines	0 \$	2.00 \$	-
VCR, Stereo, CD-Player units	214 \$	1.00 \$	214.00
CPU's	176 \$	- \$	-
Telephones	0 \$	- \$	-
Microwave Ovens	0 \$	2.00 \$	-
Miscellaneous (by the pound)	40 \$	0.20 \$	8.00
			\$ 1,025.50

Net Weight 13580 lbs. 13580

Marion County Household Electronics Pick-up 12-13-03

Type	Quantity	Weight
Cell Phones	7	27
Copiers (Small)	3	448
Copiers (large)	2	861
CPU's	96	2567
Dumb Terminals	4	103
Fax Machines	7	98
Keyboards/Mouse	54	168
Microwaves	3	137
Monitors	84	2978
Printers	35	867
Scanners	5	126
Stereos	17	397
TV's (19" or less)	45	2493
TV's (20" or Greater)	24	2860
Answering Machines	3	32
Miscellaneous	91	1893
Typewriters	0	0
Telephones	12	37
VCR's	31	431
Cameras	0	0
Speakers	0	0
		16523

Marion County Household Electronics Pick-up 8-17-02

Type	Quantity	Weight
Cell Phones	29	45
Copiers (Small)	9	654
Copiers (large)	1	172
CPU's	174	4587
Dumb Terminals	0	0
Fax Machines	9	168
Keyboards/Mouse	151	317
Microwaves	7	297
Monitors	203	6874
Printers	177	4194
Scanners	11	157
Stereos	86	1768
TV's (19" or less)	153	8743
TV's (20" or Greater)	40	3860
Answering Machines	9	48
Miscellaneous	261	1145
Typewriters	0	0
Telephones	90	168
VCR's	71	967
Cameras	0	0
Speakers	0	0
		34164

Marion County Household Electronics Pick-up 2-22-03

Type	Quantity	Weight
Cell Phones	10	28
Copiers (Small)	2	134
Copiers (large)	2	489
CPU's	81	2483
Dumb Terminals	40	1167
Fax Machines	9	234
Keyboards	51	151
Microwaves	12	543
Monitors	92	3017
Printers	67	1756
Scanners	11	169
Stereos	28	513
TV's (19" or less)	95	4529
TV's (20" or Greater)	40	3835
Answering Machines	11	53
Miscellaneous	89	1728
Typewriters	6	115
Telephones	45	267
VCR's	71	774
Cameras	1	1
Speakers	16	68
		22054

Marion County Household Electronics Pick-up 6-21-03

Type	Quantity	Weight
Cell Phones	14	18
Copiers (Small)	18	2019
Copiers (large)	0	0
CPU's	83	2087
Dumb Terminals	0	0
Fax Machines	7	156
Keyboards/Mouse	63	192
Microwaves	6	238
Monitors	113	3498
Printers	59	1356
Scanners	14	49
Stereos	35	649
TV's (19" or less)	85	3678
TV's (20" or Greater)	36	3012
Answering Machines	10	36
Miscellaneous	124	1367
Typewriters	0	0
Telephones	40	142
VCR's	67	527
Cameras	0	0
Speakers	0	0
		19024

Marion County Household Electronics Pick-up 12-13-03

Type	Quantity	Weight
Cell Phones	7	27
Copiers (Small)	3	448
Copiers (large)	2	861
CPU's	96	2567
Dumb Terminals	4	103
Fax Machines	7	98
Keyboards/Mouse	54	168
Microwaves	3	137
Monitors	84	2978
Printers	35	867
Scanners	5	126
Stereos	17	397
TV's (19" or less)	45	2493
TV's (20" or Greater)	24	2860
Answering Machines	3	32
Miscellaneous	91	1893
Typewriters	0	0
Telephones	12	37
VCR's	31	431
Cameras	0	0
Speakers	0	0
		16523

Brevard County 10-27-03

Type	Count	Weight (pounds)	
Monitors	2001	62016	
All-in-one Units (CPU & Monitor)	125	6784	
Small TV's	5	279	
Large TV's	0	0	
		69079	34.5 tons

Brevard County 12-17-02

2 trucks

Type	Count	Weight	
Monitors	1133	35782	
All-in-one Units (CPU & Monitor)	222	10235	
Small TV's	16	846	
Large TV's	11	704	
		47567	23.7835

Brevard County 6-17-03

Type	Count	Weight	
Monitors	375	10253	
All-in-one Units (CPU & Monitor)	112	4187	
Small TV's	0	0	
Large TV's	22	1174	
		15614	7.807

Brevard County 10-27-03

Type	Count	Weight	
Monitors	493	15981	
All-in-one Units (CPU & Monitor)	125	6784	
Small TV's	5	279	
Large TV's	0	0	
		23044	11.522

Volusia County Totals 2003

	Count	Weight
CPU	109	2066
Monitors	171	4938
Printers	48	974
Peripherals	222	733
Dumb Terminals	0	0
TV Small	0	0
TV Large	0	0
Copiers Small	0	0
Copiers Large	0	0
VCR & Stereo	0	0
Telephones	0	0
Microwave Ovens	0	0
	550	8711

Volusia County 1-16-03

	Count	Weight
CPU	15	372
Monitors	33	993
Printers	6	138
Peripherals	58	201
Dumb Terminals	0	
TV Small	0	
TV Large	0	
Copiers Small	0	
Copiers Large	0	
VCR & Stereo	0	
Telephones	0	
Microwave Ovens	0	
	112	1704

Volusia County 3-6-03

	Count	Weight
CPU	38	726
Monitors	47	1407
Printers	3	68
Peripherals	102	321
Dumb Terminals	0	
TV Small	0	
TV Large	0	
Copiers Small	0	
Copiers Large	0	
VCR & Stereo	0	
Telephones	0	
Microwave Ovens	0	
	190	2522

Volusia County 5-13-03

	Count	Weight
CPU	56	968
Monitors	91	2538
Printers	39	768
Peripherals	62	211
Dumb Terminals	0	
TV Small	0	
TV Large	0	
Copiers Small	0	
Copiers Large	0	
VCR & Stereo	0	
Telephones	0	
Microwave Ovens	0	
	248	4485

INDIAN RIVER COUNTY E-WASTE INVENTORY							
	4/18/2003	4/28/2003	BARN				
	Creative	Creative	TOTALS				
	6.79 Tons	6.74 Tons	13.53 Tons				
			27,060 Lbs.				
ALL IN ONE	71	11	82				
CALCULATORS		2	2				
CASSETTE RECORDERS	19	1	20				
COPIER SORTERS		2	2				
COPIERS Large	1	2	3				
COPIERS Small	2	3	5				
CPU's	62	133	195				
DSU	1	1	2				
EAR PHONES	9	21	30				
HARD DRIVES	72	36	108				
HUB	3	1	4				
KEYBOARDS	250	173	423				
MICRO FISCH	2	1	3				
MONITORS	183	261	444				
MOUSE	86	21	107				
PRINTERS Large	1	0	1				
PRINTERS Small	60	68	128				
RADIOS	7	1	8				
SCANNERS	2	3	5				
SPEAKERS	16	1	17				
SURGE PROTECTORS		5	5				
TELEPHONES			0				
TELEVISIONS			0				
TYPEWRITERS	23	1	24				

ARC-Broward Totals SW 213

Type	Count	Weight	2003 Broward Records (Count)
Monitors	4,990	148,197	6,581
Misc	63,357	63,357	
Printers	1,900	41,458	
Copier	184	18,184	
TV's Large	277	25,942	450
TV's Small	573	30,628	540
PC's	3,457	85,324 Tons	4,162 Tons
Total	413090	207	211

Notes: per Phil Bresee, Recycling Coordinator 12/23/04
 Residential, Business and govt scrap received thru ARC
 ARC may have marketed some or a lot of TVs, monitors and computers
 through thrifts such as Goodwill

ARC-Broward Load 1-10-03

Type	Count	Weight
Monitors	171	5310
Misc	2770	2770
Printers	27	608
Copier	3	368
TV's Large	12	1165
TV's Small	21	1087
Total		11308

ARC-Broward Load 1-16-03

Type	Count	Weight
Monitors	76	2187
Misc	2301	2301
Printers	39	891
Copier	6	714
TV's Large	4	368
TV's Small	4	187
Total		6648

ARC-Broward Load 1-30-03

Type	Count	Weight
Monitors	78	2158
Misc	1285	1285
Printers	87	1847
Copier	0	0
TV's Large	7	649
TV's Small	11	578
Total		6517

ARC-Broward Load 2-13-03

Type	Count	Weight
Monitors	108	3156
Misc	6642	6642
Printers	1	17
Copier	8	897
TV's Large	0	0
TV's Small	2	87
Total		10799

ARC-Broward Load 2-20-03

Type	Count	Weight
Monitors	82	2315
Misc	1375	1375
Printers	45	996
Copier	0	0
TV's Large	0	0
TV's Small	0	0
Total		4686

ARC-Broward Load 3-3-03

Type	Count	Weight
Monitors	75	2364
Misc	540	540
Printers	69	1491
Copier	0	0
TV's Large	2	168
TV's Small	5	287
Total		4850

ARC-Broward Load 3-14-03

Type	Count	Weight
Monitors	69	2167
Misc	1520	1520
Printers	24	568
Copier	12	1499
TV's Large	14	1165
TV's Small	11	593
Total		7512

ARC-Broward Load 3-25-03

Type	Count	Weight
Monitors	200	5863
Misc	4472	4472
Printers	74	1618
Copier	0	0
TV's Large	26	2199
TV's Small	44	2347
Total		16499

ARC-Broward Load 4-3-03

Type	Count	Weight
Monitors	72	2258
Misc	923	923
Printers	26	598
Copier	0	0
TV's Large	10	1024
TV's Small	33	1736
Total		6539

ARC-Broward Load 4-17-03

Type	Count	Weight
Monitors	102	3052
Misc	2181	2181
Printers	48	987
Copier	9	1158
TV's Large	16	1556
TV's Small	24	1168
Total		10102

ARC-Broward Load 4-30-03

Type	Count	Weight
Monitors	99	3001
Misc	1763	1763
Printers	27	587
Copier	0	0
TV's Large	22	2158
TV's Small	29	1697
Total		9206

ARC-Broward Load 5-15-03

Type	Count	Weight
Monitors	169	4891
Misc	2363	2363
Printers	25	499
Copier	3	326
TV's Large	0	0
TV's Small	0	0
Total		8079

ARC-Broward Load 5-28-03

Type	Count	Weight
Monitors	172	4935
Misc	883	883
Printers	44	847
Copier	10	1154
TV's Large	0	0
TV's Small	0	0
Total		7819

ARC-Broward Load 6-10-03

Type	Count	Weight
Monitors	189	5494
Misc	2256	2256
Printers	52	1237
Copier	0	0
TV's Large	0	0
TV's Small	0	0
Total		8987

ARC-Broward Load 6-24-03

Type	Count	Weight
Monitors	243	7165
Misc	0	0
Printers	137	3124
Copier	1	108
TV's Large	25	2398
TV's Small	28	1432
Total		14227

ARC-Broward Load 7-8-03

Type	Count	Weight
Monitors	249	7582
Misc	475	475
Printers	19	432
Copier	0	0
TV's Large	5	489
TV's Small	7	317
Total		9295

ARC-Broward Load 7-18-03

Type	Count	Weight
Monitors	81	2356
Misc	1832	1832
Printers	27	600
Copier	0	0
TV's Large	22	2098
TV's Small	26	1384
Total		8270

ARC-Broward Load 8-4-03

Type	Count	Weight
Monitors	182	5493
Misc	1206	1206
Printers	52	1126
Copier	62	4219
TV's Large	6	587
TV's Small	27	1438
Total		14069

ARC-Broward Load 8-12-03

Type	Count	Weight
Monitors	164	5008
Misc	960	960
Printers	74	1542
Copier	8	1164
TV's Large	9	901
TV's Small	3	128
Total		9703

ARC-Broward Load 8-29-03

Type	Count	Weight
Monitors	217	6710
Misc	261	261
Printers	46	1038
Copier	0	0
TV's Large	0	0
TV's Small	0	0
Total		8009

ARC-Broward Load 9-5-03

Type	Count	Weight
Monitors	113	3264
Misc	985	985
Printers	99	2298
Copier	3	341
TV's Large	10	935
TV's Small	15	647
Total		8470

ARC-Broward Load 9-9-03

Type	Count	Weight
Monitors	92	2641
Misc	0	0
Printers	48	987
Copier	12	1144
TV's Large	0	0
TV's Small	0	0
Total		4772

ARC-Broward Load 9-12-03

Type	Count	Weight
Monitors	97	3012
Misc	495	495
Printers	26	569
Copier	3	247
TV's Large	0	0
TV's Small	0	0
Total		4323

ARC-Broward Load 9-19-03

Type	Count	Weight
Monitors	163	4725
Misc	0	0
Printers	54	1041
Copier	1	154
TV's Large	0	0
TV's Small	9	482
Total		6402

ARC-Broward Load 10-1-03

Type	Count	Weight
Monitors	131	3865
Misc	375	375
Printers	18	381
Copier	0	0
TV's Large	0	0
TV's Small	0	0
Total		4621

ARC-Broward Load 10-3-03

Type	Count	Weight
Monitors	159	4860
Misc	2214	2214
Printers	111	2387
Copier	8	742
TV's Large	7	624
TV's Small	23	1237
Total Charges		12064

ARC-Broward Load 10-9-03

Type	Count	Weight
Monitors	56	1732
Misc	5714	5714
Printers	42	889
Copier	3	304
TV's Large	2	168
TV's Small	34	1865
Total		10672

ARC-Broward Load 10-16-03

Type	Count	Weight
Monitors	177	5123
Misc	420	420
Printers	54	1204
Copier	1	98
TV's Large	0	0
TV's Small	0	0
Total		6845

ARC-Broward Load 10-23-03

Type	Count	Weight
Monitors	9	264
Misc	673	673
Printers	23	492
Copier	4	298
TV's Large	14	1305
TV's Small	32	1789
Total		4821

ARC-Broward Load 10-30-03

Type	Count	Weight
Monitors	229	6587
Misc	2032	2032
Printers	99	2031
Copier	4	526
TV's Large	5	498
TV's Small	17	904
Total		12578

ARC-Broward Load 11-07-03

Type	Count	Weight
Monitors	171	5067
Misc	2740	2740
Printers	67	1487
Copier	3	395
TV's Large	2	236
TV's Small	11	589
Total		10514

ARC-Broward Load 11-20-03

Type	Count	Weight
Monitors	89	2489
Misc	0	0
Printers	19	458
Copier	2	201
TV's Large	4	312
TV's Small	9	461
Total		3921

ARC-Broward Load 11-25-03

Type	Count	Weight
Monitors	102	2947
Misc	4370	4370
Printers	1	21
Copier	2	198
TV's Large	27	2469
TV's Small	29	1587
Total		11592

ARC-Broward Load 12-10-03

Type	Count	Weight
Monitors	207	6347
Misc	2186	2186
Printers	100	2451
Copier	4	587
TV's Large	8	702
TV's Small	35	1874
Total		14147

ARC-Broward Load 1-2-04

Type	Count	Weight
Monitors	107	3124
Misc	425	425
Printers	61	1358
Copier	9	876
TV's Large	3	289
TV's Small	4	235
Total		6307

ARC-Broward Load 1-7-04

Type	Count	Weight
Monitors	126	3762
Misc	4720	4720
Printers	95	1854
Copier	3	466
TV's Large	7	681
TV's Small	18	1024
Total		12507

ARC-Broward Load 1-22-04

Type	Count	Weight
Monitors	164	4923
Misc	0	
Printers	40	897
Copier	0	0
TV's Large	8	798
TV's Small	62	3468
Total		10086

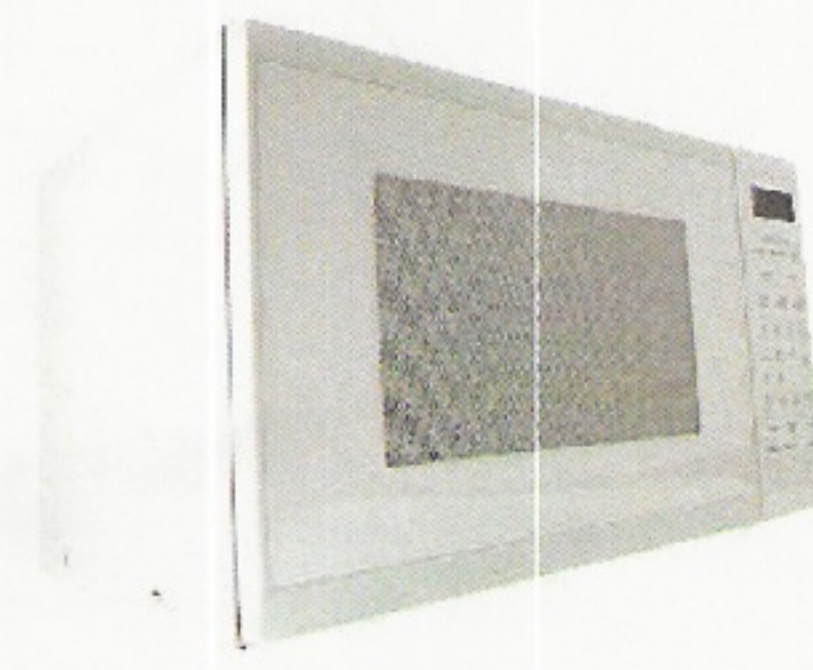
Nassau Business Pick-up 5-14 & 5-22-03

Type	Count	Weight
Fax	5	94
Hub	3	14
Monitors	52	1687
PC's	76	1956
Plotter	1	89
Printer	24	601
Scanner	1	7
Server	2	83
Switch	4	6
TV	1	47
UPS	16	138
VCR	2	22
CD Rom Stack	1	35
Power Supplies	10	46
Trip Lite Line	1	1
		4826

**NASSAU COUNTY
MOBILE PICK-UP
5/10/2003**

ITEMS	COUNT	WEIGHT
Monitors	115	4184 LBS.
CPU's	85	2677 LBS.
TV's	43	2820 LBS.
Large Computer Peripherals printers scanners copiers fax machines	47	1751 LBS.
Small Computer Peripherals keyboards mice games hardware ups external drives and modems	46	143 LBS.
Laptops	1	20 LBS.
Telecommunications Devices desk phone mobile phones pagers hand held devices ect	5	125 LBS.
Small Household Electronics App small kitchen appliances power tools health/beauty appliances ect	4	230 LBS.
Video and Audio Equipment stereos VCR's radios tape players speakers ect	53	1257 LBS.
Other Electronic Equipment	28	744 LBS.
TOTAL	427	13951 LBS.

Appendices C



By 2004 we will have 420,000 obsolete computers
containing contaminants such as lead, cadmium, mercury
and hexavalent chromium
on their way to Florida's landfills

What Can You Do?

Preserve Florida

Recycle



For more information on how you can
recycle your electronic equipment
Call Us at Creative Recycling Systems
1 (800) 797-2061



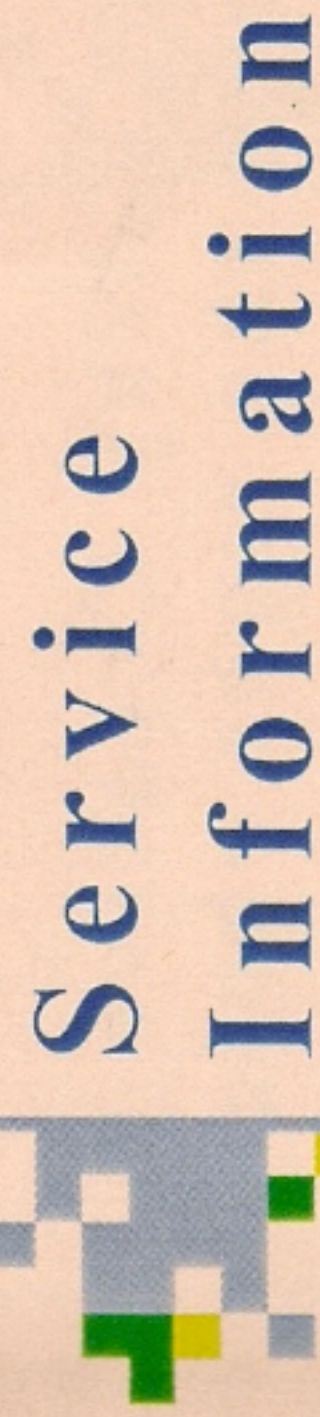
Electronic Equipment Management Solutions

Creative Recycling Systems, Inc. (CRS) was incorporated in 1994 with one overriding mandate: to provide private and public sector clients with electronic recycling solutions that represent a viable, economical alternative to environmental contamination. From modest beginnings, we now maintain sophisticated facilities in the southeastern United States, designed to recycle and reuse an ever-growing array of electronic equipment in a manner that is economically feasible and environmentally responsible. Today CRS has attained a leadership position in the electronics recycling industry. Our environmental expertise is constantly being sought out by government officials, academic researchers and trade groups. To see a list of obsolete, surplus or end-of-life products we handle see inside brochure.

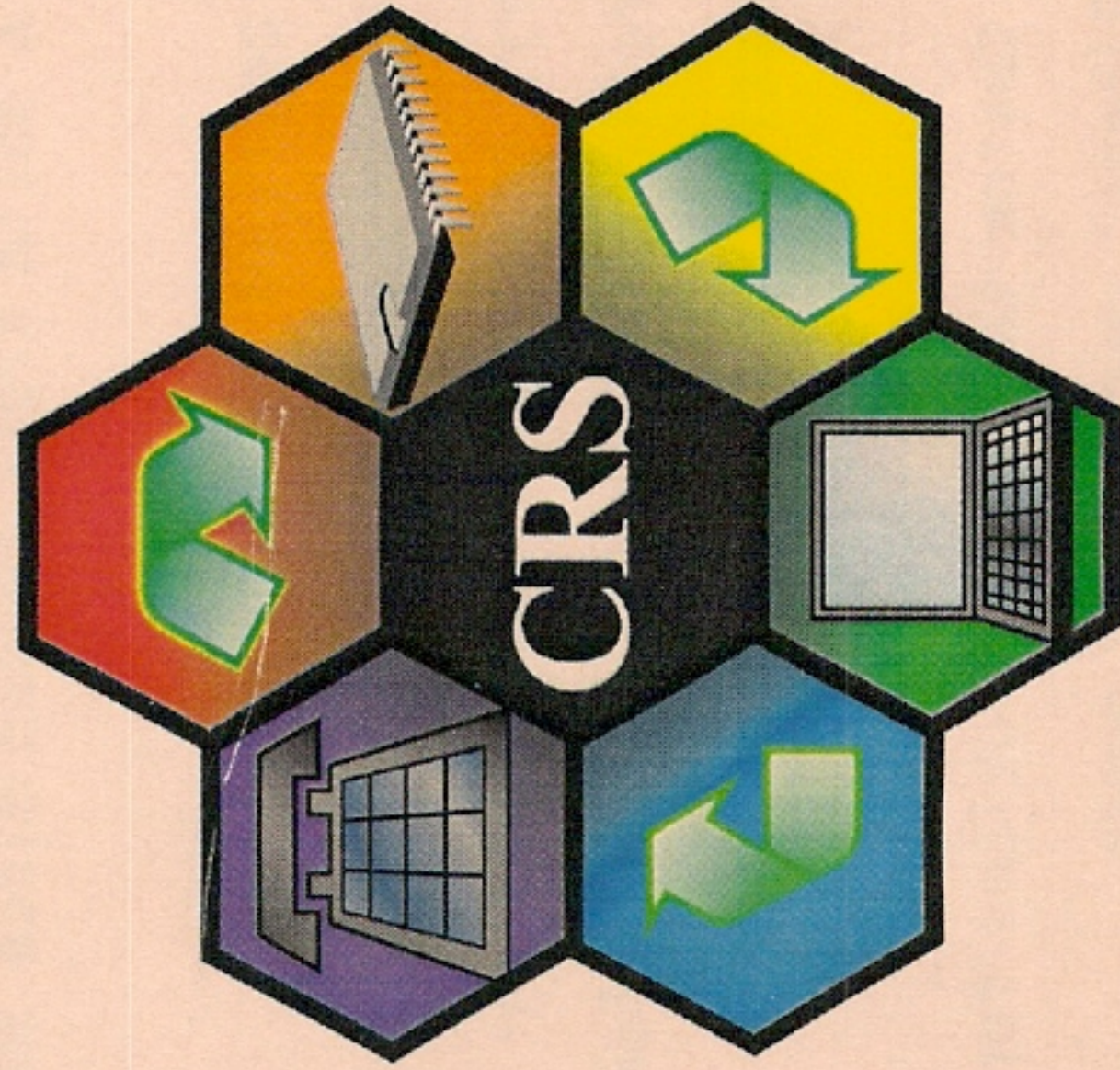


Creative Recycling Systems, Inc.

P.O. Box 19120
Tampa, FL 33686-9120
Phone: 813-621-2319
Fax: 813-626-1248
Email: creative@crsrecycling.com



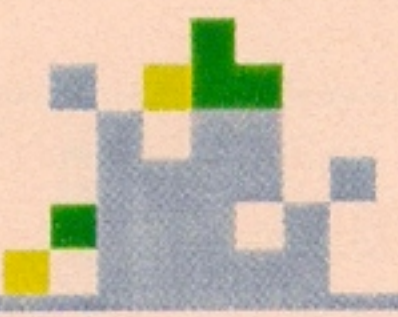
Service
Information



Creative
Recycling
Systems,
Inc.

"Recycling that works for you!"

800-797-2061



Why Creative is the right choice.

- A solid track record since 1994
- Depth of client base
(individuals, business and industry, government agencies, non-profit organizations, educational institutions)
- Custom-tailored solutions for clients' particular needs
- Environmental Management Systems
- IT Trackability/Accountability
- Data Security
- Recycling Checklist (Asset Inventory, Recycling Certification)



Types of items we recycle.

- ◆ **Computers** (PC's, Mainframe, Monitors, etc.)
- ◆ **Telecommunications Equipment** (PBX, Switching Equipment, Telephones, etc.)
- ◆ **Banking and Financial Equipment** (ATM's POS, Check Processing, Etc.)
- ◆ **Consumer Electronic Equipment** (Televisions, VCR's, Cell-phones, etc.)
- ◆ **Electronic Components** (Integrated Circuits, Passive Components, Excess Inventories)



Creative Recycling Systems, Inc.

Our Environmental Mission

Electronic devices such as computers have allowed our society to make great strides in recent decades. But there's a downside, too. A ceaseless demand for newer, superior equipment has meant that these devices reach the end of their useful lives at a rapidly accelerating pace. This, in turn, has created a mounting global problem: what to do with outmoded electronics? Discarded electronics account for over half of all heavy metals found in our landfills.

That's where CRS excels. Of the thousands of tons of equipment that enter our facilities, less than 1% eventually enters the waste stream (and it's 100% free of contaminants when it leaves). Our Objective: Zero Waste.

Creative Recycling Systems, Inc.



P.O. Box 19120
Tampa, FL 33686-9120
Phone: 813-621-2319
Fax: 813-626-1248
Email: creative@crsrecycling.com



RECYCLE OLD ELECTRONICS EQUIPMENT

Get rid of old electronics lying around the house while supporting reuse and recycling.

Free to all Nassau County residents.

Saturday, May 10th, 2003 from 9 a.m. to 4 p.m.

Northwest Corner of 8th and Lime Streets,
Across from North Jax Recycling, Fernandina Beach

Bring in Your Electronic Components for Recycling

This includes but is not limited to:

Computers
Monitors
Printers

Televisions
VCR's
Stereos

Telephones
Digital Clocks
Electronic Games

Why Recycle?

Electronics contain hazardous materials such as lead and cadmium. While state law allows for computers and similar equipment to be disposed of in landfills, reuse of heavy metals through recycling is best. The state-approved recycler will take apart the equipment collected, identifying components and materials to reuse and recycle.

This May 10 recycling day is provided to all Nassau County residents by Creative Recycling Systems, Nassau County, and the Florida Dept. of Environmental Protection.

Further information:

- ? Solid Waste Dept.: 321-5770 or 879-6321
- ? Keep Nassau Beautiful: 548-0162
- ? RecycleNassau.org



**The Seminole County
Solid Waste Management Division
has helpful information on other
ways you can help protect our envi-
ronment. Just call the numbers be-
low for information or answers to
any questions you may have.**

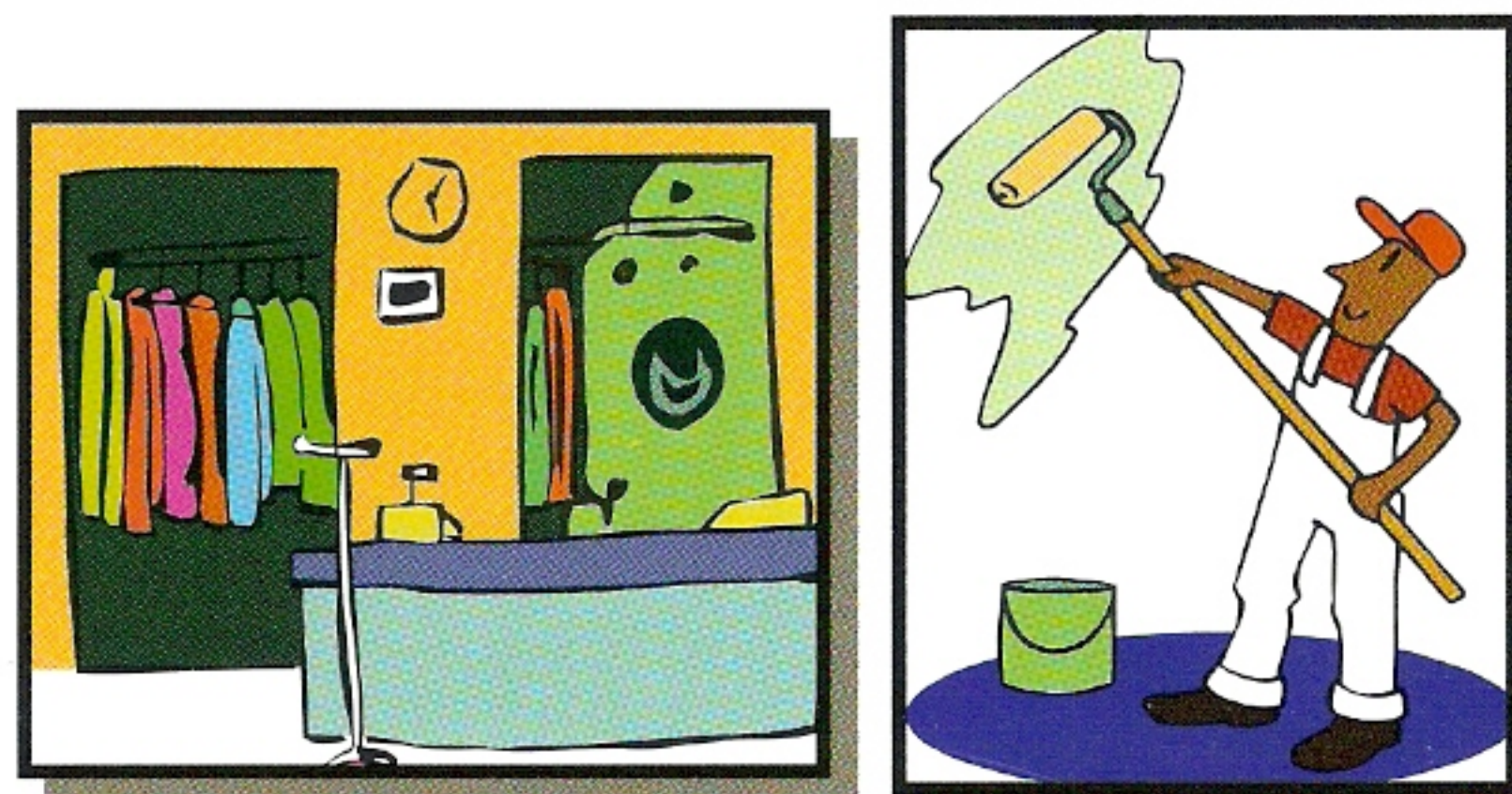
Hazardous Waste Information For The Business Owner

**HAZARDOUS WASTE
INFORMATION & ALTERNATIVES
(407) 665-2265**

**ELECTRONIC RECYCLING
INFORMATION & ALTERNATIVES
(407) 665-2260**



**Seminole County
Solid Waste Management Division
1950 State Road 419
Longwood, FL 32750**



**Guidelines for Businesses
That May Be Generators of
Small Quantities of
Hazardous Waste**

This information is provided in compliance with Section 403.7234, Florida Statutes (Small Quantity Generator Notification Program) and is intended to inform small quantity generators of proper

Inventorying, accumulating, preparing emergency procedures and prevention plans, and proper storage and handling are all part of good waste management practices.

Storage Containers

When handling and storing hazardous waste, you should establish good housekeeping practices to avoid possible spills. Follow these requirements for handling storage containers:

- **Mark each container with the date that storage began and with the words "Hazardous Waste."**
- **Containers must be in good condition.**
- **Leaking containers must be replaced.**
- **Containers must be compatible with the hazardous waste stored in them, and must meet U.S. Department of Transportation standards.**
- **Containers holding hazardous waste must be closed during storage.**
- **Do not handle containers in a haphazard way that could cause leaking or rupture.**
- **Inspect containers at least weekly to check for leaks and signs of corrosion.**
- **Incompatible wastes must not be placed in the same container. This can cause fires, leaks, or other reactions.**

Hazardous waste cannot be disposed on or in the ground, or in local landfills, septic tanks, or injection wells. Anyone who disposes of or dumps hazardous waste illegally is guilty of a third degree felony. So.... No matter what the cost is for properly disposing of hazardous waste, improper disposal may cost you much more!

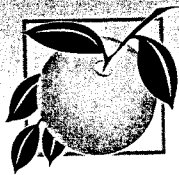
End of Life Electronics

Electronic equipment, especially computers and televisions, are an essential part of life, with per capita ownership continuing to rise in the future. Electronics are becoming obsolete due to technological advances such as increasing computer speed and memory, high definition television and flat panel computer monitors will likely increase the disposal of these End of Life Electronics.

Heavy metals found in many electronics, cause the items to be hazardous waste if disposed in landfills. With the trends in technology advances, electronics, such as computers, are one area of concern. Recent studies estimate the number of computers entering landfills in the near future reaching as high 420,000 with nearly 4 million remaining in storage. The study determined that although the older equipment will be stored after its estimated initial useful life, all electronic equipment will sooner or later be discarded.

When recycled, End of Life Electronics are exempt from hazardous waste regulations.

Seminole County has a program to recycle End of Life Electronics. Call 407-665-2260 for details.



The
Orange
County

Recycler

Published by Orange County Utilities Solid Waste Division

Winter Edition 2003



KEEP RECYCLING COSTS DOWN

We are always looking for efficiencies in our recycling program and you can help maintain our low cost of service. Below is a list of the materials we find in recycling bins that should not be there:

Light Bulbs
Syringes
Styrofoam
#3 - #7 Plastics

Scrap Metal
Plastic Bags
Toys

Aluminum Foil
Aerosol Cans
Mirrors

Pasteboard (i.e. cereal boxes)
Butter Containers
Motor Oil Containers

We are investigating future markets for materials we can add to our recycling program. Currently, you can place the following items into your recycling bins:

Green Bin

Plastic bottles with
a #1 or #2
Aluminum and Tin Cans
Glass Bottles and Jars
Drink Boxes
Milk/Juice Cartons

*Please use paper bags for
overflow materials.*

Orange Bin

Newspapers
Brown Paper Bags
Magazines
Catalogs
Corrugated cardboard
(flattened and cut down
to 3 ft. X 3 ft. or smaller)



Questions & Answers



Q: How do I get recycling bins?

A: Call the Orange County Solid Waste Hotline at 407-836-6601 and a customer service representative will order the bins for you free of charge. The bins will be delivered to your residence within two to three weeks.

Q: My elderly mother lives by herself and is unable to get the garbage out to the curb. What services are available to her?

A: Orange County offers a rear door service for those who are unable to take their garbage out to the curb for collection. This free service is available on a limited basis to disabled residents upon medical verification. The following guidelines apply:

- Home must be located within 100 feet from the road.
- Garbage and recycling bins can be placed outside the side or rear door and the hauler will pick them up on the designated collection days.
- Bulky items and yard waste must be placed at the curb for collection.

Please call the Solid Waste Hotline for more information on eligibility and how to subscribe for this free service. For a nominal charge, rear door pickup is available to any resident by contacting their hauler directly.

Q: How do I set out my garbage, yard waste and recycling materials for collection?

A: Place material within 3 feet of the curb after 6 p.m. the night before collection or by 6 a.m. the day of collection. Do not mix yard waste, garbage and recyclables. Containers must weigh less than 60 pounds when full and each container should not exceed a 50 gallon capacity. Bundle tree and shrub clippings into lengths of 3 feet or less and tie them with string or twine. Each bundle must weigh less than 60 pounds. Yard waste collection is limited to 3 cubic yards per week, or about the amount that would fit into the back of a small pickup truck.

**E-SCRAP COLLECTION EVENT APPLICATION
BUSINESS - NON-PROFIT-PUBLIC ENTITIES
SEMINOLE COUNTY SOLID WASTE MANAGEMENT DIVISION**

Instructions for Completing E-scrap Collection Event Application Form

- Download the form to your computer. The form is a Microsoft Word document. If you are not able to download the form please contact Tom Waters at 407-665-2261.
- Please complete the form electronically – on your computer. We need the form in an electronic format in order to input the information into our tracking database.
- You should fill in all information for -
 - Section 1 – Facility Information
 - Section 2 – Type of Facility
 - Section 3 – Quantity of each E-scrap item that you would like to dispose of.
- Please email the completed form as an attachment to Tom Waters (Email twaters@co.seminole.fl.us) or other designated person at Seminole County Solid Waste Management.
- We will review and approve (or possibly disapprove) the application, including how many of each E-scrap item we will be able to accept, and email it back to you.
- You are responsible for delivering your E-scrap to the Seminole County Central Transfer Station, 1950 S Road 419, Longwood on the designated date and at the designated time.
- Please be prepared to help unload your E-scrap .
- Please complete any inventory paperwork and remove any identification stickers that you do not want on equipment prior to delivering it to the collection event.
- In order to facilitate faster service at the collection event, please try to load like items together in your vehicle. For example – keep all monitors together, all printers together, etc. This will save you time at the collection.
- If you have any questions, please call the Solid Waste Management Division Customer Service number – 407-665-2260. If they are not able to assist you, they will refer you to someone who can.

**THANK YOU FOR USING THE SEMINOLE COUNTY SOLID WASTE MANAGEMENT
DIVISION'S E-SCRAP RECYCLING PROGRAM TO HELP PROTECT OUR ENVIRONMENT**

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MARION COUNTY SOLID WASTE DEPARTMENT

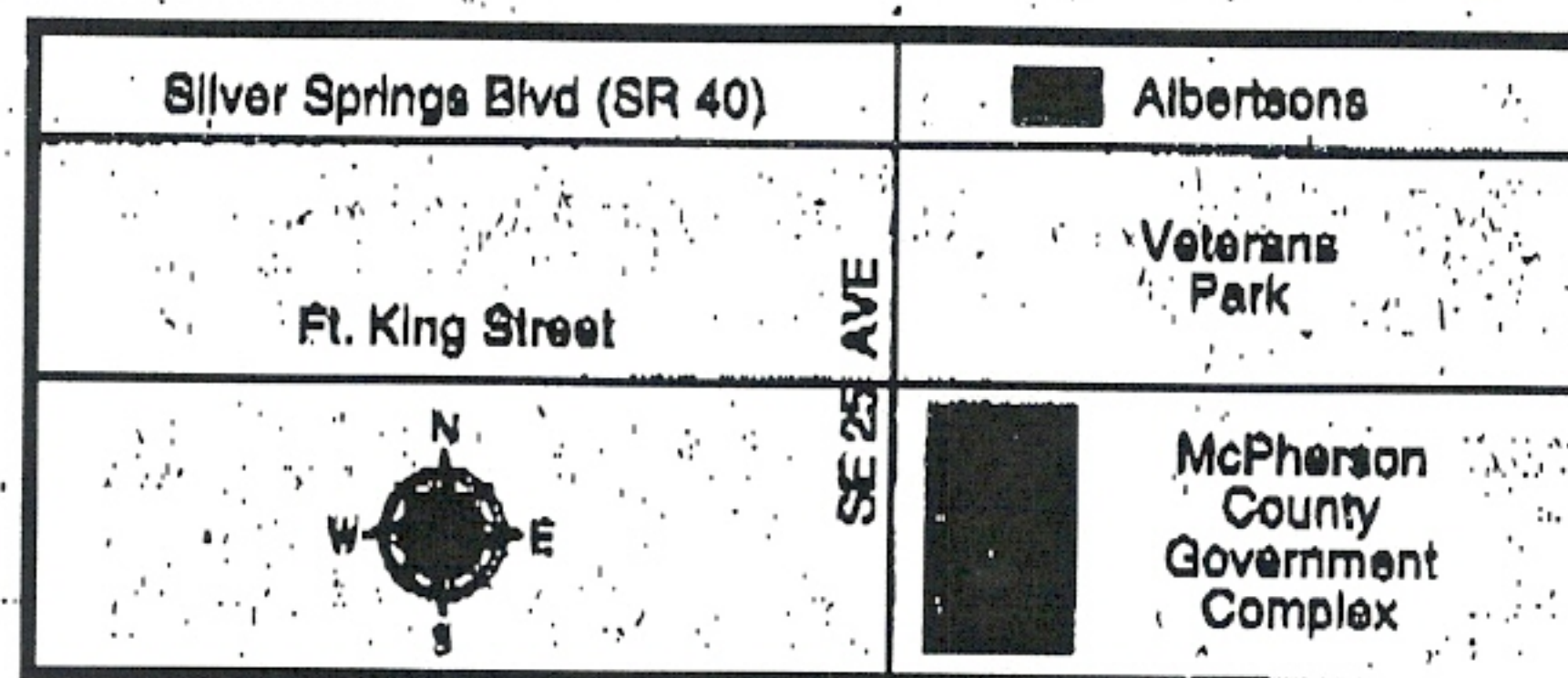
HOUSEHOLD ELECTRONICS COLLECTION DAY



Rain or Shine

SATURDAY AUGUST 17, 2002 9 AM TO 3PM

at McPherson Complex



What to bring:

- Televisions
- Computers & Monitors
- Digital Clocks
- Cellular phones and chargers
- Stereos, Keyboards, CD players
- Telephones & Answering machines
- Tape recorders, radios and portable Walkmans™
- Remote Controls
- Scanners
- Fax Machines
- Printers



What not to bring:

- Chemicals
- Explosives
- Wind-up clocks
- Household & small appliances
- Cables, Extension cords, Plugs and wires
- Yard equipment
- Lighting & Holiday lights
- Fluorescent bulbs & other mercury-containing devices
- Tires & Engines
- Vacuum cleaners

This collection day is free of charge to household only, businesses should arrange for drop off and payment by calling Creative Recycling at (813) 621-2319

For more information contact
Marion County Solid Waste Department at (352) 245-4584

Household Electronic Equipment Collection

Orange County is participating with a private electronics recycling company in a one-year pilot program to recycle electronic equipment that residents no longer want. A Florida Department of Environmental Protection grant is paying the expenses. The primary focus of this new collection program is to reduce the number of cathode ray tubes (CRTs), which are currently landfilled because they contain potential contaminants. CRTs are primarily found in televisions and computer monitors. In addition to televisions and monitors, residents may also bring the following electronic equipment:

- ❖ home computers
- ❖ keyboards
- ❖ printers
- ❖ telephones
- ❖ VCRs
- ❖ fax machines
- ❖ CD players
- ❖ Stereos
- ❖ DVD players
- ❖ computer peripherals

During this pilot program, these items can be brought to one of the upcoming Household Hazardous Waste Collection Events from 8:00 a.m. – 3:00 p.m. The next collection event of the year is:

April 19, 2003
Orange County Services Building
475 West Stary Road, Ocoee

The electronics are broken down and sent to different facilities that can recycle some of the plastics, leaded glass, copper and other materials. Items that cannot be recycled will be disposed of properly.

**For additional information, contact the Orange County
Utilities Solid Waste Hotline at 407-836-6601.**

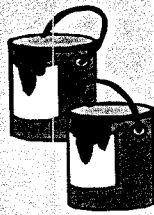
e-mail: utilities.information@ocfl.net

Para mas información o la traducción en español de este boletín de noticias, por favor llame el Departamento de Utilidades del condado de Orange al 407-836-6601.

HOUSEHOLD HAZARDOUS WASTE COMMUNITY COLLECTION EVENTS

When: Saturday, February 15, 2003
8:00 a.m. to 3:00 p.m.

Where: Union Park Middle School
1844 West Fall Road
Orlando



When: Saturday, April 19, 2003
8:00 a.m. to 3:00 p.m.

Where: Orange County Service Building
475 West Story Road
Ocoee

You may bring Household Hazardous Waste to this event for disposal at no charge to you. Products may be considered hazardous if the label includes any of these words: PESTICIDE, CAUSTIC, ACID, POISON, WARNING OR FLAMMABLE. Please do not bring the following items: BIOLOGICALLY ACTIVE MATERIALS, RADIOACTIVE MATERIALS, EXPLOSIVES OR AMMUNITION.

If you would like to dispose of any household hazardous waste free of charge before or after the community collection day, you can deliver it to the Orange County Landfill, Monday through Saturday from 8:00 a.m. to 5:00 p.m. or to the Orange County McLeod Road Transfer Station on Wednesdays and Saturdays from 8:00 a.m. to 5:00 p.m.



5901 Young Pine Road
Orlando, FL 32829

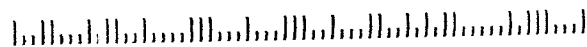
Website Address:
www.orangecountyfl.net

Utilities e-mail address:
Utilities.information@ocfl.net

PRSR STD
U.S. POSTAGE
PAID
ORLANDO, FL
PERMIT NO. 1296

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TO THE FAMILY RESIDING AT



FOR GARBAGE, YARD WASTE & RECYCLING INQUIRIES, CALL THE SOLID WASTE HOTLINE AT 407-836-6601.
Para preguntas sobre: Basura, basura del jardín, y reciclaje favor de llamar al SOLID WASTE HOTLINE 407-836-6601.

Household Electronic Equipment Collection

Orange County will be participating with a private electronics recycling company in a one-year pilot program to recycle electronic equipment that residents no longer want. The expenses are being paid by a Florida Department of Environmental Protection grant. The primary focus of this new collection program is to reduce the number of cathode ray tubes (CRTs) which are currently landfilled because they contain potential contaminants. CRTs are primarily found in television sets and computer monitors. In addition to **televisions** and **monitors**, you can also bring the following electronic equipment:

home computer
keyboard

printer
telephone

VCR
fax machine

CD player
stereo

DVD player
computer peripherals

These items can be brought to the Household Hazardous Waste facility at the Orange County Landfill, 5901 Young Pine Road, Orlando and to the Household Hazardous Waste Community Collection events (see dates above).

If you have any questions or need further information, please call the Solid Waste Hotline at 407-836-6601.

HOUSEHOLD HAZARDOUS WASTE COMMUNITY COLLECTION

When: Saturday, July 12, 2003
8:00 a.m. to 3:00 p.m.

Where: Home Depot
7423 Southland Boulevard
Orlando, Florida 32809

You may bring Household Hazardous Waste (HHW) to this event for disposal at no charge to you. **Products may be considered hazardous if the label includes any of these words: PESTICIDE, CAUSTIC, ACID, POISON, WARNING OR FLAMMABLE.**

Please do not bring the following items: BIOLOGICALLY ACTIVE MATERIALS, RADIOACTIVE MATERIALS, EXPLOSIVES OR AMMUNITION.

If you would like to dispose of any household hazardous waste free of charge before or after the community collection day, you can deliver it to the Orange County Landfill, Monday through Saturday from 8:00 a.m. to 5:00 p.m. or to the Orange County McLeod Road Transfer Station on Wednesdays and Saturdays from 8:00 a.m. to 5:00 p.m.

HOUSEHOLD ELECTRONIC EQUIPMENT COLLECTION

As part of a pilot program, Orange County will be collecting household electronic equipment at the HHW Community Collection events during 2003. Orange County residents can bring electronic equipment such as:

home computer	television	monitor
stereo	VCR	CD player
DVD player	printer	keyboards
fax machine	telephones	
computer peripherals		

These items can be brought to a community HHW collection event or to the permanent HHW location at the Orange County Landfill:

**5901 Young Pine Road
Orlando, Florida 32829**

If you have any questions or need further information, please call the Solid Waste Hotline at 407-836-6601.



5901 Young Pine Road
Orlando, FL 32829

Website Address:
www.orangecountyfl.net

Utilities e-mail address:
utilities.information@ocfl.net

PSRT STD
U.S. POSTAGE
PAID
ORLANDO, FL
PERMIT NO. 125

FOR GARBAGE, YARD WASTE & RECYCLING INQUIRIES, CALL THE SOLID WASTE HOTLINE AT 407-836-6601.
Para preguntas sobre: Basura, basura del jardín, y reciclaje favor de llamar al SOLID WASTE HOTLINE 407-836-6601.

HOLIDAY ANNOUNCEMENT

Memorial Day
Monday, May 26, 2003

Independence Day
Friday, July 4, 2003

There will be no garbage or recycling collection service on these holidays. If your garbage or recycling collection day falls on Memorial Day, Monday, May 26, your garbage will be collected on the following Thursday and your recycling will be collected on the next Monday.

If your garbage or recycling collection day falls on Independence Day, July 4, your garbage will be collected on the following Tuesday and your recycling will be collected on the next Friday.

REMEMBER - There is no collection of bulky items during a holiday week

Día de Recordación
Lunes, 26 de Mayo del 2003

Día de la Independencia
Viernes, 4 de Julio del 2003

En estos días feriados, no habrá recogida de basura ó reciclaje. Si su recogida de basura ó reciclaje es durante el Lunes, 26 de Mayo, su basura será recogida el Jueves siguiente, y su reciclaje será recogido el Lunes próximo.

Si su recogida de basura ó reciclaje es durante el Viernes, 4 de Julio, su basura será recogida el Martes siguiente, y su reciclaje será recogido el Viernes próximo.

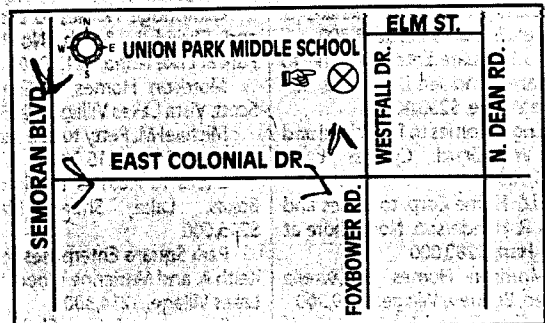
RECUERDE - No hay recogida de cosas grandes durante semanas con días feriados.

Orange County Residents REMOVE HAZARDOUS WASTE FROM YOUR HOME



**BRING IT TO THE
HOUSEHOLD HAZARDOUS WASTE
COMMUNITY COLLECTION EVENT
FOR PROPER DISPOSAL — FREE OF CHARGE!**

**Saturday
February 15, 2003
Union Park Middle School
1844 Westfall Drive
Orlando, Florida 32817
8:00 a.m. – 3:00 p.m.**



A product may be hazardous waste if the label includes any of the following words:
pesticide, caustic, acid, poison, flammable, warning or danger.

The following hazardous waste products will be accepted:

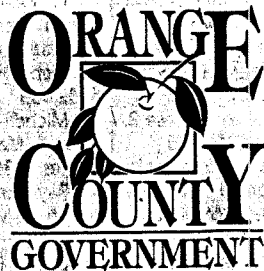
Pesticides	Paint thinner and stripper	Cleaning fluids
Drain cleaners	Auto and furniture polish	Pool chemicals
Solvents	Varnish and stains	Flammable liquids
Chemistry sets	Photography chemicals	Brake fluids & antifreeze
Waste oil	Unknown chemicals	Propane tanks (20-lb. Max)
Paint	Household & vehicle batteries	

If containers are leaking, pack them in a larger container with an absorbent material, such as cat litter, to soak up leaks. **DO NOT MIX** materials into a single container. Label the material. If you do not know what the material is, label it **"UNKNOWN"**. Only hazardous waste from Orange County homes accepted.

Please DO NOT BRING:

**Biologically Active Materials, Radioactive Materials,
Explosives or Ammunition.**

**For more information, please call the
Orange County Utilities Solid Waste Hotline
407-836-6601**

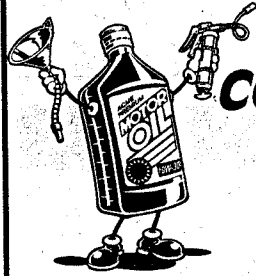


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website: www.orangecountyfl.net e-mail: utilities.information@ocfl.net

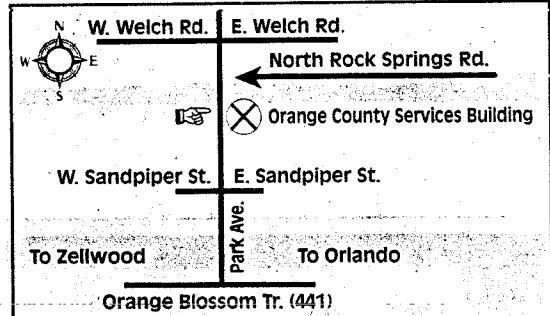
Orange County Residents

REMOVE HAZARDOUS WASTE FROM YOUR HOME AND BRING IT TO THE HOUSEHOLD HAZARDOUS WASTE COMMUNITY COLLECTION EVENT FOR PROPER DISPOSAL — FREE OF CHARGE!



Saturday, October 25, 2003

Orange County Services Building
1111 North Rock Springs Rd.
Apopka, FL
8:00 a.m. -- 3:00 p.m.



A product may be hazardous waste if the label includes any of the following words: **pesticide, caustic, acid, poison, flammable, warning or danger.**

The following hazardous waste products will be accepted:

Pesticides
Drain cleaners
Solvents
Chemistry sets
Waste oil
Paint

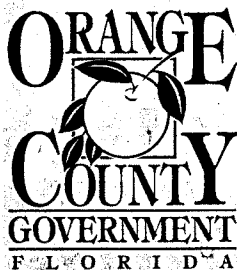
Paint thinner and stripper
Auto and furniture polish
Varnish and stains
Photography chemicals
Unknown chemicals
Household & vehicle batteries

Cleaning fluids
Pool chemicals
Flammable liquids
Brake fluids & antifreeze
Propane tanks (20-lb. max)



If containers are leaking, pack them in a larger container with an absorbent material, such as cat litter, to soak up leaks. **DO NOT MIX** materials into a single container. Label the material. If you do not know what the material is, label it "**UNKNOWN**". Only hazardous waste from Orange County homes accepted.

Please DO NOT BRING: Biologically Active Materials, Radioactive Materials, Explosives or Ammunition.



For more information, please call the
Orange County Utilities Solid Waste Hotline at
407-836-6601

Website: www.OrangeCountyFL.net
E-mail address: Utilities.Information@ocfl.net

Para más información, por favor llame al Departamento de Utilidades del Condado de Orange y pida hablar con un representante en español. El número de teléfono es 407-836-6601.

HOUSEHOLD HAZARDOUS WASTE *Program*



Quality services through teamwork

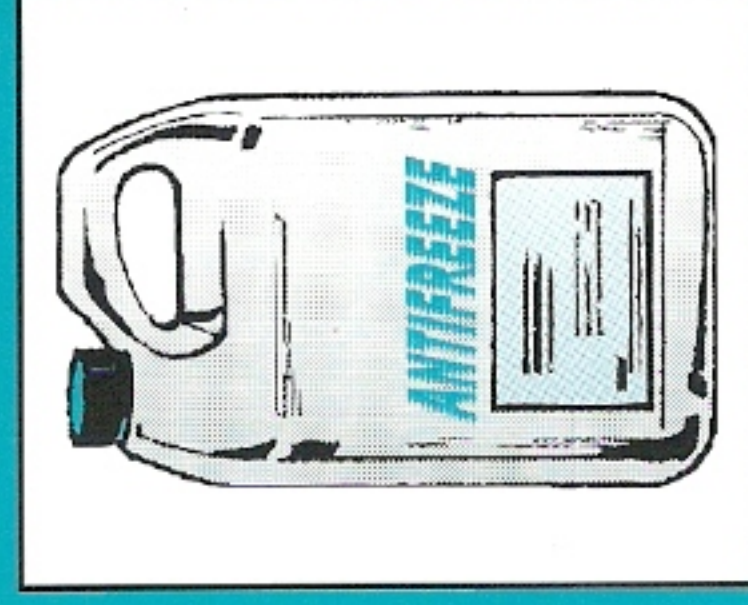
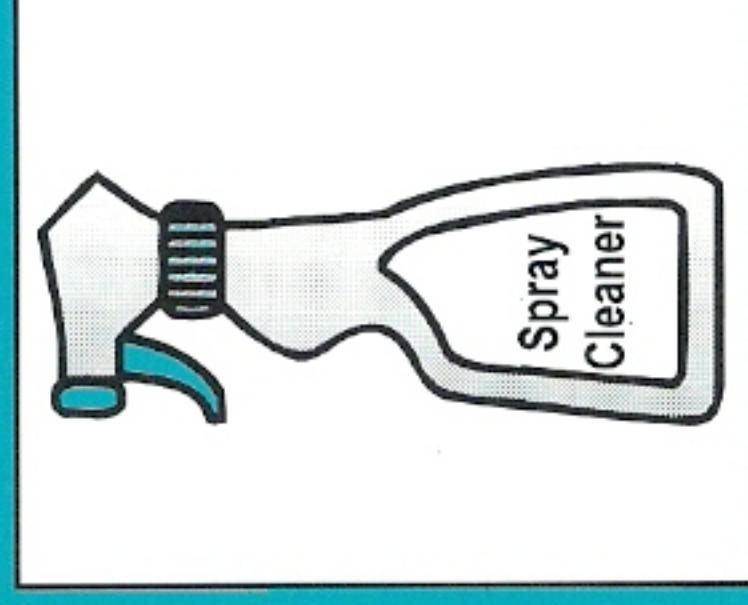
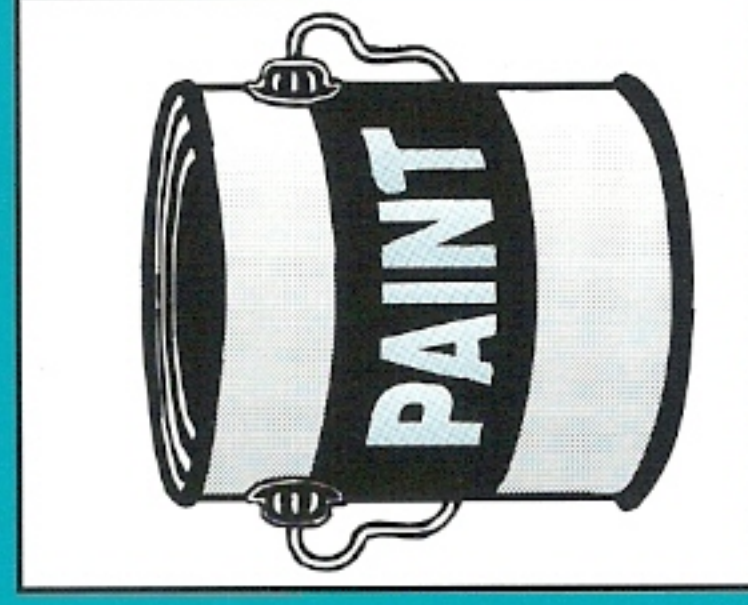
in harmony with our

customers and the environment



*For more information about
Household Hazardous Waste Disposal,*

A program
to collect, recycle,
treat and properly
dispose of
Household Hazardous Waste



Hazardous Wastes In Your Home? Orange County Can Help!

The household hazardous waste program provides Orange County homeowners with the opportunity to dispose of household hazardous waste safely and properly at no charge.

Many household products contain dangerous chemicals that require special handling. If not properly disposed of, these chemicals can harm humans, animals, and the environment.

Burying these chemicals in the ground or pouring them down storm drains or sinks can result in groundwater pollution. Since 92% of Florida's drinking water comes from groundwater, improper disposal of these chemicals poses a threat to Florida's drinking water.

How Do I Know If A Product Is Hazardous?

Generally, you can assume a product may be hazardous if the label contains any of the following words:

PESTICIDE

CAUSTIC

POISON

DANGER

ACID

WARNING

FLAMMABLE

Bring Your:

- ✓ Banned and unwanted pesticides
- ✓ Oil base paint
- ✓ Paint thinner and stripper
- ✓ Varnishes and stains
- ✓ Household cleaning fluids
- ✓ Chemical drain cleaners
- ✓ Auto and furniture polish
- ✓ Solvents and flammable liquids
- ✓ Pool chemicals
- ✓ Photography chemicals
- ✓ Chemistry sets
- ✓ Brake fluid and antifreeze
- ✓ Unknown chemicals
- ✓ Household, vehicle and boat batteries
- ✓ Waste oil

Before You Come:

1
Label the material. If you do not know what the material is, label it "unknown."

2
DO NOT mix different or unknown materials together!

3
If containers are leaking, pack them in a larger container with an absorbent material, such as kitty litter to soak up leaks.

4
Use boxes with dividers for easy packaging and transport.

5

Do Not Bring:

- ✗ Gas cylinders
- ✗ Biologically active materials
- ✗ Radioactive materials
- ✗ Explosives and ammunition

Where To Go:

The Orange County Household Hazardous Waste Collection Facility at the Landfill is open Monday through Saturday from 8 a.m. to 5 p.m. The address is 12100 Young Pine Road (off Curry Ford Road). An attendant is present during these hours to assist with unloading.

The Household Hazardous Waste Collection Facility at the McLeod Road Transfer Station is open Wednesday and Saturday from 8 a.m. to 5 p.m. The address is 5000 L.B. McLeod Road.

The county will be conducting neighborhood collection events to help citizens of Orange County dispose of hazardous waste.

For more information about Household Hazardous Waste Disposal, Please call

(407) 836-6601

garden, you will be conserving water. "Florida Friendly" plants need less water once they are established than other plants. Some of the varieties you can use include plumbago, Mexican heather, king sago, crape myrtle, snowbush and viburnum.

A landscape workshop titled, "Preparing for Spring" will be held on Monday, February 10 from 6:30 p.m. - 7:30 p.m. at the Orange County Library South Creek Branch located at 1702 Deerfield Boulevard. On Saturday, March 1, from 8:30 a.m. - 12:00 p.m., a workshop titled, "Spring Planting, Fertilizing, Weeding, Pest Control and Checking Your Irrigation System" will be held at the Orange County Cooperative Extension Office, 2350 East Michigan Street.

A master gardener from the University of Florida's, Florida Yards and Neighborhoods Program is presenting both workshops. So come listen to the experts and see how to make your landscaping look healthy and green while learning the most efficient techniques to conserve water.

For more information on these events, contact Eugenia Wright in the Water Division at 407-836-6923.

SOLID WASTE DIVISION PARTICIPATES IN PILOT PROGRAM

Orange County will be participating with a private electronics recycling company in a one-year pilot program to recycle electronic equipment that residents no longer want. A Florida Department of Environmental Protection grant is paying the expenses.

The primary focus of this new collection program is to reduce

the number of cathode ray tubes (CRTs), which are currently landfilled because they contain potential contaminants. CRTs are primarily found in television sets and computer monitors. In addition to televisions and monitors, residents can also bring the following electronic equipment: Home computers, keyboards, printers, telephones, VCRs, fax machines, CD players, stereos, DVD players and computer peripherals.

During this pilot program, residents may bring their electronic items to the Household Hazardous Waste Facility at the Orange County Landfill, Monday through Saturday, from 8:00 a.m. - 5:00 p.m., and to the upcoming Household Hazardous Waste Community Collection events. The next two events are scheduled as follows:

Saturday, February 15, 8:00 a.m. - 3:00 p.m., Union Park Middle School, 1844 Westfall Road, Orlando.

Saturday, April 19, 8:00 a.m. - 3:00 p.m., Orange County Services Building, 475 West Story Road, Ocoee.

CIS ON THE MOVE

After numerous challenges, the Customer Information System (CIS) project is moving forward. A comprehensive procurement process package is being formulated by the Customer Service Division in a partnership with the County's Purchasing Division. The process will consist of the following steps:

- Other Utilities Survey
- Request For Qualifications (RFQ)
- Request For Proposal (RFP)
- Negotiations
- Selection

PLEASE POST THIS SHEET

The Procurement Committee will be comprised of an ISS Project Leader; Mary Lynn Kisser, Utilities Information Systems Administrator; Jim DiMartino, Utilities Program Manager; and Rosemary Whitacre, Utilities Customer Service Division Manager. This team will evaluate and score every step of the procurement process with their final step being a recommendation to the Board of County Commissioners of the most qualified vendors that will meet the Utilities' needs.

A Utilities expert team will be formed to ensure all the Utilities' divisions as well as other County departments are represented. Their input will be an important step toward the development of the RFP.

Throughout the selection and implementation process, everyone will be kept informed of the project's process. We wish the Utilities' CIS Team great success!

BACK INJURY PREVENTION

One of the most frequent and costly occurring injuries is a back injury. More than one million workers experience back injuries each year, according to the Bureau of Labor Statistics (BLS). That accounts for one out of every five workplace injuries. Back injuries produce pain and discomfort, and can seriously affect a workers productivity and lifestyle. The BLS states that 80% of these injuries were to the lower back, and 75% occurred while lifting.

Since most back problems occur over a period of time, it is important to ensure proper lifting techniques on the job and at home, and to exercise to maintain a healthy back. This is very important when you consider

MyFRS Retirement Plan Choice period ends on February 28, 2003 (that's today if you haven't checked). If you haven't made your decision yet, the Choice Service << <https://www.myfrs.com/content/gs/getting_started.shtml>> can help you explore your potential benefits under both retirement plans. There are some great reasons to use the Choice Service today: It's at your fingertips.

Use the Choice Service or call the MyFRS Financial Guidance Line toll free at 1-866-446-9377 (TTY: 1-888-429-2160) to have an objective Ernst & Young financial planner walk you through the Service and answer your questions. You will need your confidential PIN, listed on your Personalized Benefit Comparison Statement and the plan choice reminder letter recently mailed to your home, to use the online Choice Service. You do not need your PIN to call the MyFRS Financial Guidance Line for counseling. It's fast and easy to use. In minutes you can make an informed decision that makes sense for you and your family. The Choice Service will ask you questions and guide you through the decision making process.

Black History Month 2003

Celebrate Black History Month. Here's a schedule
<http://countyline.ocfl.net/jDocs/jLIBS/documents/_/announcements/_bhmevents2003/default.asp> of events.

BMH Vendor Lunch

Black History Month Celebration Vendor Luncheon, Friday, February 28, Orange County Admin. Bldg, 11:30 a.m. to 2:30 p.m. Fabulous Food, Exciting Entertainment, Door Prizes, Book Fair. Get the flyer here
<http://countyline.ocfl.net/jDocs/jLIBS/documents/_/announcements/_bhmvendorlunche/> .

NFBPA Black History Banquet

National Forum for Black Public Administrators
<http://countyline.ocfl.net/jDocs/jLIBS/documents/_/announcements/_banquet031/> Black History Banquet 'Celebrating the Arts.' Friday, Feb. 28, 6 p.m., Pierre's Steakhouse.

Household Electronic Equipment Collection

Orange County is participating with a private electronics recycling company in a one-year pilot program to recycle electronic equipment that residents no longer want. A Florida Department of Environmental Protection grant is paying the expenses. The primary focus of this new collection program is to reduce the number of cathode ray tubes (CRTs), which are currently landfilled because they contain potential contaminants. CRTs are primarily found in televisions and computer monitors.

During this pilot program, these items can be brought to one of the upcoming Household Hazardous Waste Collection Events from 8:00 a.m. - 3:00 p.m. The first two collection events of the year are February 15, Union Park Middle School, 1844 Westfall Road, Orlando, and April 19, Orange County Services Building 475 West Story Road, Ocoee. Get more information here
<http://countyline.ocfl.net/jDocs/jLIBS/documents/_/announcements/_householdelectr/> .

Check out the latest Benefits Newsletter

In the latest issue of Human Resources benefits newsletter, Live
<http://countyline.ocfl.net/JDocs/jBCC/hrlr/_benefitsandreco/_obenefitsnewsletter/jan2003/> for Today Plan for Tomorrow, you can find out what to do if you



Orange County Collection Pictures





Marion County Collection Pictures

