Electronics Reuse & Recycling Market Information Report

October 2001

Prepared By: Northeast Recycling Council, Inc.
Prepared For: Empire State Development, Environmental Services Unit

Disclaimer: The attached Electronics Reuse and Market Information Report (hereinafter "Report") was prepared for Empire State Development (hereinafter "ESD") by the Northeast Recycling Council (hereinafter "NERC") and does not necessarily reflect the opinions or views of ESD or the State of New York, nor does it imply endorsement of any of the companies or organizations contained herein. NERC and ESD have attempted to provide accurate, complete and current information with respect to the attached Report. However, NERC and ESD make no guarantees as to the accuracy of all the information presented in this Report. NERC and ESD present this Report for informational and educational purposes and shall not be liable for any damages incurred in connection with the use of, or reliance upon, any information contained in this Report.
Electronics Reuse & Recycling Market Information Report

Background

Used electronics, or “EWaste” as they are becoming known, include computers, televisions and a host of modern day communication devices. Because of the lead content in the glass (as much as 27 percent by weight), computer screens and televisions, (i.e. the cathode ray tubes or CRTs), are of concern as they enter the solid waste stream. EWaste offers the opportunity for salvaging important resources for reuse and recycling, including copper, steel, gold, and engineered plastics. According to a study by the National Safety Council, in 2005 more than 63 million personal computers are projected to be available for reuse or recycling. Millions of obsolete televisions are also expected to be available.

The purpose of this report is to help consumers, municipal officials and businesses in New York State identify organizations involved with the recycling and reuse of computers and televisions.

Approach

There are many public directories and listings of used electronics recycling and reuse organizations. However, specific information about what activities the companies are engaged in is often missing. Also, because of the dynamic nature of this emerging electronics recycling industry, the information becomes outdated fairly quickly.

For this directory, we have attempted to verify and obtain more detailed information about organizations found in many of the existing public listings in order to make the directory as useful as possible. The methodology pursued in developing this resource involved identifying electronics recycling/reuse organizations in New York State and surrounding regions, surveying identified organizations, and analyzing survey results.

The Target region for identifying companies and organizations to be surveyed was New York State and parts of Connecticut, Massachusetts, Pennsylvania, New Jersey, Ohio, and Vermont.

Two hundred and thirty-six (236) companies were identified and surveys were distributed by email, fax and mail. After initial research of these 236 companies revealed that several companies were either out-of-business or not involved with electronics reuse and recycling, surveys were distributed to 198 organizations.
**Major Findings**

Of the 198 surveys distributed, 36 organizations responded. However, only 33 of these actually provide reuse or recycling services. This represents a 17% response rate.

- 33 companies were verified as providing reuse or recycling services in the targeted region.
- 26 companies accept computer monitors (CRTs).
- 9 companies accept televisions.
- Approximately ½ of the companies providing reuse or recycling services will also provide transportation and collection services.
- 85% of the companies have reuse as an element of their activities.

Conservatively, 20% of the companies identified through public resources were determined to be either out of business or not engaged in electronics reuse or recycling.

**Understanding the Electronics Recycling Industry**

Having a basic understanding of the electronics recycling industry is helpful when seeking companies to reuse or recycle old equipment, or when talking to industry officials. Some companies are involved with several activities, offering a variety of services, while others specialize in only a few. The principal activities of the industry are:

**Asset Management** - Disposition planning for used electronics equipment once it reaches the end of its useful life for the current user of that equipment, e.g. planning for storage, determining what is useful and what is obsolete equipment, or arranging for transportation to reuse or recycling facilities.

**Brokering** - Matching buyers and sellers of parts and equipment for reuse.

**Re-Manufacturing** - The refurbishment or rebuilding of equipment for sale as reusable equipment.

**De-Manufacturing** - The disassembly of electronic equipment into its various parts and subassemblies. This activity often includes the recovery of parts and subassemblies for resale as reusable items, inventory management of parts and brokering of parts.

**Materials Recovery & Recycling** - The physical separation (usually through manual labor) of electronic equipment into its component parts and materials, e.g. plastics, metals, glass, for disposition to companies/organizations that further process and refine those parts and materials.

**Materials Processing/Refining** - The shredding, grinding, and separation of materials such as plastics, metals and glass that comprise electronic equipment, for sale as raw materials to other manufacturers or intermediate processors.
For purposes of this report, the services offered by organizations are categorized in Table 2 as: brokering, collection, material processing, material recovery, re-manufacturing, product reuse, parts reuse and transportation.

**Considerations When Managing Used Electronic Equipment**

When the time comes to send computers or televisions to a recycling or reuse organization, how do you decide who to contact and what to do? There are several factors that determine whether a particular organization is the right fit to meet your needs. Some key considerations include:

- How much and what type of material do you have to manage? – Do you have one monitor, several monitors, or hundreds of monitors, CPUs and other peripherals?
- Are you interested in donating or selling equipment?
- Can you transport the equipment or do you need transportation provided?

NOTE: If you are an individual seeking to dispose of your personal computer or television, you should first check with your local solid waste management or recycling official to see whether a collection program for individual units is offered in your community.

In the tables that follow, the information from the surveys is arranged to quickly indicate which companies are responsive to your particular needs.

**Table 1** indicates the types of materials accepted, e.g. computer equipment only (i.e. No CRTs), computer equipment with monitors, or televisions.

**Table 2** indicates the types of services that are offered. For example, some vendors provide transportation services and may only want working items for refurbishment, reuse, and resale. Others may accept both working and non-working (obsolete) items. Some vendors only broker material and do not offer collection or recycling services.

**Table 3** indicates all organizations verified as having operations in New York and surrounding regions, but that did not respond to the survey to provide detailed information about their services.

The remaining portions of this market information report contain company specific listings of those companies that responded to the survey, organized by state, a web-based listing of online brokers, and a description (including links) to electronics reuse and recycling programs offered by electronic manufacturers.
For further information on electronics recycling programs in New York State, contact:

William C. Colden, P.E.
Director
Bureau of Waste Reduction and Recycling
New York Department of Environmental Conservation
625 Broadway, 9th floor
Albany, NY 12233-7253
(518) 402-8678
wccolden@gw.dec.state.ny.us
<table>
<thead>
<tr>
<th>Company</th>
<th>State</th>
<th>Computer Equipment</th>
<th>Televisions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aarwin, Inc.</td>
<td>NY</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Afame Computer Services, Inc.</td>
<td>NJ</td>
<td>X (no crts)</td>
<td></td>
</tr>
<tr>
<td>Allen Myland, Inc.</td>
<td>PA</td>
<td>X (no crts)</td>
<td></td>
</tr>
<tr>
<td>American Retroworks, Inc.</td>
<td>VT</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Asset Management &amp; Control</td>
<td>NY</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Back Thru the Future Microcomputers, Inc.</td>
<td>NJ</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Clean Harbors of Connecticut, Inc.</td>
<td>CT</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Electronic, Inc.</td>
<td>MA</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Envirocycle</td>
<td>PA</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Equipment Services</td>
<td>PA</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Integrated Recycling Services Co.</td>
<td>NY</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Laserstar, Inc.</td>
<td>MA</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Long Island City Bus. Dev. Corp. – INWRAP Prog.</td>
<td>NY</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>LINCT Coalition</td>
<td>NY</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Nacomex USA, Inc.</td>
<td>NY</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>National Cristina Foundation</td>
<td>CT</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Newtech Recycling, Inc.</td>
<td>NJ</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Northeast Surplus and Materials, LLC</td>
<td>NY</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Per Scholas, Inc.</td>
<td>NY</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Public Service Enterprise Group (PSEG)</td>
<td>NJ</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>ReCompute</td>
<td>MA</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Rochester Computer Recycling &amp; Recovery, LLC</td>
<td>NY</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Rumarson Technologies, Inc.</td>
<td>NJ</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>S.E.E.R. - Buffalo</td>
<td>NY</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>UNICOR</td>
<td>DC</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>United Way Services, Gifts in Kind</td>
<td>NY</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Wade Environmental</td>
<td>NJ</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Waste Management &amp; Recycling Products, Inc.</td>
<td>NY</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Yukon Marketing Group, Inc.</td>
<td>NY</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Company</td>
<td>State</td>
<td>Broker</td>
<td>Collection</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>-------</td>
<td>--------</td>
<td>------------</td>
</tr>
<tr>
<td>Aarwin, Inc.</td>
<td>NY</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Afame Computer Services, Inc.</td>
<td>NJ</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Allen Myland, Inc.</td>
<td>PA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Retroworks, Inc.</td>
<td>VT</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Asset Management &amp; Control</td>
<td>NY</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Back Thru the Future Microcomputers, Inc.</td>
<td>NJ</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clean Harbors of Connecticut, Inc.</td>
<td>CT</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Electronycle, Inc.</td>
<td>MA</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Envirocycle</td>
<td>PA</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Equipment Services</td>
<td>PA</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Integrated Recycling Services, Inc.</td>
<td>NY</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Laserstar, Inc.</td>
<td>MA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long Island City Bus. Dev. Corp – INWRAP Prog.</td>
<td>NY</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>LINCT Coalition</td>
<td>NY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nacomex USA, Inc.</td>
<td>NY</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>National Cristina Foundation</td>
<td>MA</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Newtech Recycling, Inc.</td>
<td>NJ</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Northeast Surplus and Materials, LLC</td>
<td>NY</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Per Scholas, Inc.</td>
<td>NY</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Public Service Enterprise Group (PSEG)</td>
<td>NJ</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>ReCompute</td>
<td>MA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rochester Computer Recycling &amp; Recovery, LLC</td>
<td>NY</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Rumarson Technologies, Inc.</td>
<td>NJ</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>S.E.E.R. - Buffalo</td>
<td>NY</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>UNICOR</td>
<td>DC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>United Way Services, Gifts in Kind</td>
<td>NY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wade Environmental</td>
<td>NJ</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Waste Management &amp; Recycling Products, Inc.</td>
<td>NY</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Yukon Marketing Group, Inc.</td>
<td>NY</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Company</td>
<td>Address</td>
<td>City</td>
<td>State</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>--------------------------------</td>
<td>-----------------</td>
<td>-------</td>
</tr>
<tr>
<td>Classic Computers</td>
<td>614 Cambel Ave.</td>
<td>West Haven</td>
<td>CT</td>
</tr>
<tr>
<td>Berkshires Materials Exchange</td>
<td>c/o CET 112 Elm Street</td>
<td>Pittsfield</td>
<td>MA</td>
</tr>
<tr>
<td>Goldstein &amp; Sons, Inc.</td>
<td>51 Harding Street</td>
<td>Worcester</td>
<td>MA</td>
</tr>
<tr>
<td>DMC Electronics Recycling Corp.</td>
<td>341 Ashland Street</td>
<td>North Adams</td>
<td>MA</td>
</tr>
<tr>
<td>Arrow Recycling</td>
<td>1627 Straight Path</td>
<td>Wheatley Heights</td>
<td>NY</td>
</tr>
<tr>
<td>Computers for Africa Project</td>
<td>386 Oakwood Road</td>
<td>Marlboro</td>
<td>NY</td>
</tr>
<tr>
<td>Computers for Children</td>
<td>257 Water Street, Suite 5A</td>
<td>Huntington Station</td>
<td>NY</td>
</tr>
<tr>
<td>Computers for Youth</td>
<td>237 Main Street, Suite 400</td>
<td>Buffalo</td>
<td>NY</td>
</tr>
<tr>
<td>Digital Hardware International</td>
<td>419 Lafayette Street, 7th Floor</td>
<td>New York</td>
<td>NY</td>
</tr>
<tr>
<td>Electronic Resource Recovery, Inc.</td>
<td>10-5 Technology Drive</td>
<td>New York</td>
<td>NY</td>
</tr>
<tr>
<td>Emerald Technology Solutions</td>
<td>260 Little Britain Rd</td>
<td>Newburgh</td>
<td>NY</td>
</tr>
<tr>
<td>ERC Community Warehouse</td>
<td>21428 New York 22</td>
<td>Hoosick Falls</td>
<td>NY</td>
</tr>
<tr>
<td>Full Circle</td>
<td>509 Manida Street</td>
<td>Bronx</td>
<td>NY</td>
</tr>
<tr>
<td>IBM Asset Recovery Center</td>
<td>1701 North Street, Building 040-3</td>
<td>Endicott</td>
<td>NY</td>
</tr>
<tr>
<td>Company</td>
<td>Address</td>
<td>City</td>
<td>State</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-------------------------------------</td>
<td>--------------</td>
<td>-------</td>
</tr>
<tr>
<td>Making Opportunities for Upgrading Schools &amp; Education</td>
<td>361 Broadway, Suite 600</td>
<td>New York</td>
<td>NY</td>
</tr>
<tr>
<td>Materials for the Arts</td>
<td>410 West 16th Street</td>
<td>New York</td>
<td>NY</td>
</tr>
<tr>
<td>Materials Resource Center</td>
<td></td>
<td>New York</td>
<td>NY</td>
</tr>
<tr>
<td>Mercury Refining Company</td>
<td>1218 Central Avenue</td>
<td>Albany</td>
<td>NY</td>
</tr>
<tr>
<td>Nortel Networks Micrecycle Program</td>
<td>97 Humboldt Street</td>
<td>Rochester</td>
<td>NY</td>
</tr>
<tr>
<td>Non-Profit Computing, Inc.</td>
<td>125 East 63rd Street</td>
<td>Rochester</td>
<td>NY</td>
</tr>
<tr>
<td>P &amp; T Surplus</td>
<td>198 Abeel Street</td>
<td>New York</td>
<td>NY</td>
</tr>
<tr>
<td>Pencil, Inc.</td>
<td>30 W. 26th Street, 2nd Floor</td>
<td>New York</td>
<td>NY</td>
</tr>
<tr>
<td>Philips Electronics</td>
<td>1251 Avenue of the Americas</td>
<td>New York</td>
<td>NY</td>
</tr>
<tr>
<td>Robin Hood Foundation</td>
<td>140 E 58th Street, 111 Broadway, 19th Floor</td>
<td>New York</td>
<td>NY</td>
</tr>
<tr>
<td>Metallic Resources BPCR</td>
<td>2116 Enterprise Parkway, P.O. Box 368</td>
<td>Twinsburg</td>
<td>OH</td>
</tr>
<tr>
<td>SDS National, LLC</td>
<td>19 Colonial Drive Suite 26</td>
<td>Youngstown</td>
<td>OH</td>
</tr>
<tr>
<td>Ribbon Recyclers</td>
<td>28 Commerce Street, Unit 3</td>
<td>Allentown</td>
<td>OH</td>
</tr>
<tr>
<td>Computers for Schools Program</td>
<td>3642 N. Springfield Street</td>
<td>Chicago</td>
<td>IL</td>
</tr>
</tbody>
</table>
COMPANY SPECIFIC LISTINGS

Connecticut
Clean Harbors of Connecticut
National Cristina Foundation

Massachusetts
Electronicycle
Laserstar
ReCompute

National Organization
UNICOR

New Jersey
Afame Computer Services
Back thru the Future Microcomputer
Newtech Recycling
Public Service Enterprise Group
Rumarson Technologies
Wade Environmental

New York
Aarwin, Inc
Asset Management & Control
Integrated Recycling Services
LIC Business Development Corp. INWRAP Program
LINCT Coalition
Nacomex USA
Northeast Surplus & Materials
Per Scholas
Rochester Computer Recycling & Recovery
S.E.E.R. – Buffalo
Sunnking, Inc.
Waste Management & Recycling Products
United Way Services – Gifts In Kind
Yukon Marketing Group

Pennsylvania
Allen Myland
Envirocycle
Equipment Services

Vermont
American Retroworks
Connecticut

Clean Harbors of Connecticut, Inc.
761 Middle Street
Bristol, Connecticut 06010
County: Hartford
Telephone Number: 860-583-8917
Fax Number: 860-583-3696
E-mail: recycling@cleanharbors.com
www.cleanharbors.com

For-profit business

Specific Activities
- collection
- materials recovery
- transportation

Types of Equipment Accepted
- all types of electronic equipment
- computer equipment including CRTs
- televisions

Forms of Equipment Accepted
- individual unit
- large shipments
- variety of forms

Customers
- businesses
- federal government
- individuals
- municipalities
- state government
- defense department
- medical establishments
- research facilities
- universities

National Cristina Foundation
500 West Putnam Avenue
Greenwich, Connecticut 06830
County: Fairfield
Telephone Number: 203-863-9100
Fax Number: 203-863-9230
E-mail: ncf@cristina.org
www.cristina.org

Non-profit organization

Specific Activities
- broker

Types of Equipment Accepted
- computer equipment including CRTs

Forms of Equipment Accepted
- individual unit
- large shipments
- variety of forms

Customers
- businesses
- federal government
- individuals
- municipalities
- state government
- defense department
- medical establishments
- research facilities
- universities

Packing And/Or Labeling Requirements
- We do not want equipment shipped to our offices. If a donor is shipping directly to a recipient organization, the donor’s full information should be on or in the package
Massachusetts

Electronicycle, Inc.
107 N. Spencer Road
Spencer, Massachusetts 01562
County: Worcester
Telephone Number: 800-829-5082
Fax Number: 508-885-5533
E-mail: dick@electronicycle.com
www.electronicycle.com

Contact: Debbie Peloquin
Phone: 508-885-5545
E-mail: dick@electronicycle.com

For-profit business

Specific Activities
- broker
- collection at generator’s door
- export
- manufacturing w/recovered materials
- materials recovery
- OEM authorized repair and service
- parts recovery for reuse
- product reuse
- transportation

Types of Equipment Accepted
- all types of electronic equipment
- computer equipment including CRTs
- televisions

Forms of Equipment Accepted
- individual unit
- large shipments
- variety of forms

Customers
- businesses
- federal government
- individuals
- municipalities
- state government
- defense department
- medical establishments
- research facilities & universities

Laserstar, Inc.
325A New Boston Street
Woburn, Massachusetts 01880
County: Middlesex
Telephone Number: 781-932-8667
Fax Number: 781-937-0564
E-mail: peter@laserstar.com
www.laserstar.com

Contact: Peter Roy
Phone: 781-932-8667 ext. 15
E-mail: peter@laserstar.com

For-profit business

Specific Activities
- collection
- product reuse
- manufacturing w/recovered materials

Types of Equipment Accepted
- computer equipment including CRTs

Forms of Equipment Accepted
- variety of forms

Customers
- businesses
- federal government
- individuals
- municipalities
- state government
- defense department
- medical establishments
- research facilities
- universities
### Massachusetts

**ReCompute**

21 First Street  
Pittsfield, Massachusetts 01201  
County: Berkshire  
Telephone Number: 413-496-9849  
Fax Number: 413-496-8125  
E-mail: recomput@berkshire.net  

Contact: Tim Laporte  
Phone: 413-496-9849  
E-mail: recomput@berkshire.net

For-profit business  

**Specific Activities**  
- broker  
- parts recovery for reuse  
- product reuse

**Types of Equipment Accepted**  
- computer equipment including CRTs

**Forms of Equipment Accepted**  
- individual units  
- whole units only  
- large shipments

**Customers**  
- businesses  
- federal government  
- individuals  
- municipalities  
- state government  
- defense department  
- medical establishments  
- research facilities  
- universities

**Packing And/Or Labeling Requirements**  
- Labeling of individual containers as to general contents (e.g., monitor, cpu, printer, etc.)

### National Organization

**UNICOR**

320 First Street, N.W.  
Washington, DC 20534  
Telephone Number: (202) 305-3732  
Fax Number: (202) 305-3557  
E-mail: lnovicky@xcentral.unicor.gov  
www.unicor.gov  

Contact: Larry Novicky  
Phone: 202-305-3732  
E-mail: lnovicky@central.unicor.gov

Non-profit organization

**Specific Activities**  
- materials recovery  
- product reuse  
- parts recovery for reuse  

**Types of Equipment Accepted**  
- all types of electronic equipment  
- computer equipment including CRTs  
- televisions

**Forms of Equipment Accepted**  
- large shipments

**Customers**  
- businesses  
- federal government  
- individuals  
- municipalities  
- state government  
- defense department  
- medical establishments  
- research facilities  
- universities

- Contract required

**Packing And/Or Labeling Requirements**  
- Shrink wrapped on pallets or in gaylord boxes
### Afame Computer Services, Inc.

<table>
<thead>
<tr>
<th>Address</th>
<th>Phone</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.O. Box 1024</td>
<td>856-662-1824</td>
<td><a href="mailto:mike@afame.com">mike@afame.com</a></td>
</tr>
<tr>
<td>Merchantville, New Jersey 08109</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**County:** Camden  
**Telephone Number:** 856-662-1824  
**Fax Number:** 856-662-1825  
**www.afame.com**  

**Contact:** Mike Ciaccia  
**Phone:** 856-662-1824  
**E-mail:** mike@afame.com  

**For-profit business**

**Specific Activities**
- product reuse  
- broker

**Types of Equipment Accepted**
- computer equipment excluding CRTs

**Forms of Equipment Accepted**
- whole units only

**Customers**
- businesses  
- federal government  
- individuals  
- municipalities  
- state government  
- defense department  
- medical establishments  
- research facilities  
- universities

- Contract required

**Packing And/Or Labeling Requirements**
- Material must be shipped to my processing facility

### Back thru the Future Microcomputers, Inc.

<table>
<thead>
<tr>
<th>Address</th>
<th>Phone</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>15A Melanie Lane Unit 7</td>
<td>973-884-2282</td>
<td><a href="mailto:nj@backthruthefuture.com">nj@backthruthefuture.com</a></td>
</tr>
<tr>
<td>East Hanover, New Jersey 07936</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**County:** Morris  
**Telephone Number:** 973-884-2282  
**Fax Number:** 973-884-3454  
**www.backthruthefuture.com**  

**Contact:** Dan Bayha  
**Phone:** 973-884-2282  
**E-mail:** nj@backthruthefuture.com  

**For-profit business**

**Specific Activities**
- product reuse  
- parts recovery for reuse

**Types of Equipment Accepted**
- computer equipment including CRTs

**Forms of Equipment Accepted**
- variety of forms

**Customers**
- businesses  
- federal government  
- individuals  
- municipalities  
- state government  
- defense department  
- medical establishments  
- research facilities  
- universities

**Packing And/Or Labeling Requirements**
- Must have an RMA # or a purchase order number
New Jersey

Newtech Recycling, Inc.
111 Chimney Rock Road, Bldg. 2
Bridgewater, New Jersey 08807
County: Somerset
Telephone Number: 732-469-9774
Fax Number: 732-469-3646
E-mail: kara@newtechrecycling.com
www.newtechrecycling.com
Contact: Kara L. Kwiatkowski

For-profit business

Specific Activities
- broker
- collection
- export
- materials recovery
- reuse
- transportation

Types of Equipment Accepted
- all types of electronic equipment
- computer equipment including CRTs
- televisions

Forms of Equipment Accepted
- individual units
- whole units only
- large shipments

Customers
- businesses
- individuals
- municipalities
- state & federal government
- defense department
- medical establishments
- research facilities & universities

Packing And/Or Labeling Requirements
- Name, address & phone number of shipping organization. Equipment should be on pallets or in gaylords/commercial bins, no roll-off containers accepted. No broken CRT’s.

Public Service Enterprise Group (PSEG)
243 West Jefferson Street
Gibbstown, New Jersey 08027-1124
County: Gloucester
Telephone Number: 856-224-1638
Fax Number: 856-224-1574
www.pseg.com
Contact: Albert Fralinger III
E-mail: Albert.Fralinger@pseg.com

For-profit business

Specific Activities
- broker
- collection
- product reuse
- donations
- materials recovery
- parts recovery for reuse

Types of Equipment Accepted
- all types of electronic equipment
- computer equipment including CRTs

Forms of Equipment Accepted
- individual units
- whole units only
- large shipments

Customers
- businesses
- municipalities

The predominant material accepted & managed (with rare exception) is from internal corporate PSEG operating companies. Material from other generators is processed through a referral/brokerage arrangement with our main recycling/recovery suppliers.

- Contract required

Packing And/Or Labeling Requirements
- Palletized and shrink wrapped
# New Jersey

## Rumarson Technologies, Inc.

<table>
<thead>
<tr>
<th>Details</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>650/660 Liberty Avenue</td>
</tr>
<tr>
<td>City</td>
<td>Union</td>
</tr>
<tr>
<td>County</td>
<td>Union</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>908-686-9005</td>
</tr>
<tr>
<td>Fax Number</td>
<td>908-206-0623</td>
</tr>
<tr>
<td>Website</td>
<td><a href="http://www.rumarson.com">www.rumarson.com</a></td>
</tr>
<tr>
<td>Contact</td>
<td>Paul Nickerson</td>
</tr>
<tr>
<td>Phone</td>
<td>(908) 686-9005 ext. 135</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:pauln@rumarson.com">pauln@rumarson.com</a></td>
</tr>
</tbody>
</table>

**For-profit business**

### Specific Activities
- broker
- collection
- export
- manufacturing w/recovered materials recovery
- parts & product reuse
- security erasure
- transportation

### Types of Equipment Accepted
- all types of electronic equipment
- CRTs

### Forms of Equipment Accepted
- individual units
- large shipments
- whole units only

### Customers
- businesses
- individuals
- municipalities
- state & federal government
- defense department
- medical establishments
- research facilities & universities

**Contract required**

### Packing And/Or Labeling Requirements
- Bubble wrap or other protection

## Wade Environmental

<table>
<thead>
<tr>
<th>Details</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>382 Jackson Road</td>
</tr>
<tr>
<td>City</td>
<td>Atco, New Jersey</td>
</tr>
<tr>
<td>County</td>
<td>Camden</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>856-767-2760</td>
</tr>
<tr>
<td>Fax Number</td>
<td>856-767-0698</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:wadeenviro@aol.com">wadeenviro@aol.com</a></td>
</tr>
<tr>
<td>Website</td>
<td><a href="http://www.ANJR.com/WadeEnviro/">www.ANJR.com/WadeEnviro/</a></td>
</tr>
<tr>
<td>Contact</td>
<td>Andrew L. Wade</td>
</tr>
</tbody>
</table>

**For-profit business**

### Specific Activities
- broker
- collection
- export
- materials recovery
- product & parts reuse
- transportation

### Types of Equipment Accepted
- all types of electronic equipment
- computer equipment including CRTs
- televisions

### Forms of Equipment Accepted
- individual units
- variety of forms

### Customers
- businesses
- federal government
- individuals
- municipalities
- state government
- defense department
- medical establishments
- research facilities
- universities
New York

Aarwin, Inc.
461 East Clinton Street
Elmira, New York 13901
County: Broome
Telephone Number: 607-733-6666
www.aarwin.com

Contact: Gary Dunning
E-mail: gd@aarwin.com

For-profit business

Specific Activities
- broker
- materials recovery

Types of Equipment Accepted
- computer equipment including CRTs

Forms of Equipment Accepted
- individual units
- whole units only
- large shipments

Customers
- businesses
- individuals
- municipalities

Asset Management & Control
55 Riverview Drive
Marlboro, New York 12542
County: Ulster
Telephone Number: 845-236-6650
Fax Number: 845-236-6648
E-mail: asset@ulster.com
www.totalsurplus.com

Contact: Nick Magliato

For-profit business

Specific Activities
- collection
- broker
- transportation
- export
- product reuse

Types of Equipment Accepted
- computer and monitor

Forms of Equipment Accepted
- individual units
- whole units only
- large shipments

Customers
- businesses
- state government
- municipalities
- universities
- individuals

- Contract required
New York

**Integrated Recycling Services Co.**
122 Central Avenue
Lancaster, New York 14086
County: Erie
Telephone Number: 716-685-7000
Fax Number: 716-685-7008

Contact: Brian K. Shine
Phone: 716-685-7000 ext. 225
E-mail: bshine@manitobacorp.com

For-profit business

**Specific Activities**
- broker
- collection
- product reuse
- transportation
- export
- materials recovery
- parts recovery for reuse

**Types of Equipment Accepted**
- all types of electronic equipment
- computer equipment including CRTs

**Forms of Equipment Accepted**
- variety of forms

**Customers**
- businesses
- federal government
- state government

**LIC Business Development Corporation**
**INWRAP Program**
29-10 Thomson Avenue, 9th Floor
Long Island City, New York 11101
County: Queens
Telephone Number: 718-786-5300
Fax Number: 718-937-1799
E-mail: inwrap@licbdc.org
www.inwrap.org

Contact: Gayle Baron

Non-profit organization

**Specific Activities**
- broker

**Types of Equipment Accepted**
- computers and monitors

**Forms of Equipment Accepted**
- whole units

**Customers**
- businesses
- municipalities
- state & federal government
- defense department
- medical establishments
- research facilities & universities

**Geographic Limitations**
- Metropolitan New York/New Jersey Area
**LINCT Coalition**
103-3 West Montauk Highway
Hampton Bay, New York 11946
County: Suffolk
Telephone Number: 631-728-9100
Fax Number: 631-728-9228
www.linct.org

Contact: Peggy Kelly

Non-profit organization

**Specific Activities**
- product reuse
We refurbish computers. We teach low income people basic skills. The students take the computers home. They learn and earn their own computers.

**Types of Equipment Accepted**
- computer equipment including CRTs
- accept Pentiums with CD Roms.

**Forms of Equipment Accepted**
- individual units
- large shipments

**Customers**
- businesses
- individuals
- municipalities
- state & federal government
- defense department
- medical establishments
- research facilities & universities

**Geographic Limitations**
- Suffolk County

---

**NACOMEX USA, Inc.**
230 Park Avenue, 10th floor
New York, New York 10169
County: New York
Telephone Number: 212-808-3062
Fax Number: 212-681-9211
E-mail: info@nacomex.com
www.nacomex.com

Contact: Robert Zises
Phone: 212-808-3062 ext. 4562
E-mail: zises@nacomex.com

For-profit business

**Specific Activities**
- broker
- appraisal/valuation of computer hardware for corporate and governmental clients

**Types of Equipment Accepted**
- computer equipment including CRTs

**Forms of Equipment Accepted**
- whole units only

**Customers**
- businesses
- defense department
- federal government
- individuals
- medical establishments
- municipalities
- research facilities
- state government
- universities

**Packing And/Or Labeling Requirements**
- NACOMEX shipment authorization number must be clearly visible on package
New York

Northeast Surplus and Materials, LLC
440 Shonnard Street
Syracuse, New York 13204
County: Onondaga
Telephone Number: 315 677-5246
Fax Number: 315-476-7708
Contact: Jim Moltion
E-mail: sbbn@aol.com

For-profit business

Specific Activities
- broker
- collection
- export
- manufacture w/recovered material/parts
- materials processing & recover
- parts recovery for reuse
- product reuse
- R&D
- transportation

Types of Equipment Accepted
- all types of electronic equipment
- computer equipment including CRTs

Forms of Equipment Accepted
- individual units
- If it plugs in, lights up, makes a sound or goes around, we take it!

Customers
- businesses
- defense department
- federal government
- individuals
- medical establishments
- municipalities
- research facilities
- state government & universities

Per Scholas, Inc.
1231 Lafayette Ave.
Bronx, New York 10474
County: Bronx
Telephone Number: 718-991-8400
Fax Number: 718-991-0362
E-mail: info@perscholas.org
www.perscholas.org
Contact: Edward C. Campbell
Phone: 718-991-8400, x 227
E-mail: ecampbell@perscholas.org

Non-profit organization

Specific Activities
- broker
- collection
- export
- manufacture w/recovered material/parts
- materials recovery
- parts recovery for reuse
- product reuse

Types of Equipment Accepted
- computer equipment including CRTs

Forms of Equipment Accepted
- individual units
- variety of forms

Customers
- businesses
- federal government
- individuals
- medical establishments
- municipalities
- public authorities
- research facilities
- state government
- surplus equipment brokers
- universities
- utilities
New York

Rochester Computer Recycling & Recovery, LLC
395 Central Avenue
Rochester, New York 14605
County: Monroe
Telephone Number: 716-546-6620
Fax Number: 716-546-6624
E-mail: MikeWhyte@RochesterComputer.com
www.RegionalComputerRecycling.com

Contact: Charles McKernan
E-mail: CharlieM@RochesterComputer.com

For-profit business

Specific Activities
- broker
- collection & transportation
- export
- materials processing & recovery
- parts & product reuse

Types of Equipment Accepted
- all types of electronic equipment
- CRTs

Forms of Equipment Accepted
- individual units
- variety of forms
- large & small shipments

Customers
- businesses
- defense dept. & federal government
- individuals
- medical establishments
- municipalities
- research facilities
- state government & universities

Packing And/Or Labeling Requirements
- Equipment palletized & shrink wrapped
- Palletized Monitors (27 per skid, call for instruction)
- CPU's palletized (50+ per skid)
- Mainframe Equipment on wheels (pallets not required)

S.E.E.R.- Buffalo
701 Seneca Street
Buffalo, New York 14210
County: Erie
Telephone Number: 716-852-5780
Fax Number: 716-852-5782
Contact: Michael Lodick
Phone: 888-595-7337
E-mail: seerny@cs.com

For-profit business

Specific Activities
- broker
- collection
- export
- materials recovery
- parts recovery for reuse
- product reuse
- transportation

Types of Equipment Accepted
- all types of electronic equipment
- computer equipment including CRTs
- televisions

Customers
- businesses
- defense department
- federal government
- household collections - government sponsored
- individuals
- medical establishments
- municipalities
- research facilities
- state government
- universities

Packing And/Or Labeling Requirements
- Material on pallets or in gaylord boxes.
  Some rolloff boxes accepted. On site packaging for customers unable to provide it. If delivered, must be inventoried & labeled with a bill of lading.
New York

**Sunnking, Inc.**
P.O. Box 172
Holley, NY 14470
County: Monroe
Telephone Number: 716-638-0095
Fax Number: 716-638-0076

Contact: Duane Beckett
Phone: 716-638-0095
E-mail: sunnking@rochester.rr.com

For-profit business

**Specific Activities**
- broker
- collection
- export
- materials recovery
- parts recovery for reuse
- product reuse
- transportation

**Types of Equipment Accepted**
- all types of electronic equipment
- computer equipment including CRTs

**Forms of Equipment Accepted**
- individual units
- large shipments
- material in almost any form

**Customers**
- businesses
- government (including military)
- household collections - govt sponsored
- individuals
- medical establishments
- municipalities
- research facilities
- universities

**Packing And/Or Labeling Requirements**
- Palletized loads must be shrink wrapped.

---

**Waste Management & Recycling Products, Inc.**

510 Hudson Street
Schenectady, New York 12308
County: Schenectady
Telephone Number: 518-377-9900
Fax Number: 518-377-8800
www.electronicsrecycler.com

Contact: Peter Bennison
E-mail: pfbennison@electronicsrecycler.com

For-profit business

**Specific Activities**
- broker
- collection
- consulting
- evaluations
- export
- materials recovery
- parts recovery for reuse
- product reuse
- transportation

**Types of Equipment Accepted**
- all types of electronic equipment
- computer equipment including CRTs
- televisions

**Forms of Equipment Accepted**
- individual units
- large shipments
- material in almost any form

**Customers**
- businesses
- defense department
- individuals
- medical establishments
- municipalities
- research facilities
- state & federal government
- universities

**Packing And/Or Labeling Requirements**
- Packaging guidelines document
### United Way Services – Gifts In Kind

<table>
<thead>
<tr>
<th>Address</th>
<th>100 College Avenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>City</td>
<td>Rochester</td>
</tr>
<tr>
<td>State</td>
<td>NY</td>
</tr>
<tr>
<td>Zip code</td>
<td>14607</td>
</tr>
<tr>
<td>County</td>
<td>Monroe</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>716-242-6503</td>
</tr>
<tr>
<td>Fax Number</td>
<td>716-242-6581</td>
</tr>
<tr>
<td>Contact</td>
<td>Tom Lyons</td>
</tr>
<tr>
<td>Phone Number</td>
<td>716-654-2623</td>
</tr>
</tbody>
</table>

- Not-for-profit organization

**Specific Activities**
- Product reuse

**Types of Equipment Accepted**
- Computer equipment including CRTs

**Forms of Equipment Accepted**
- Individual units
- Large shipments
- Variety of forms

**Customers**
- Businesses
- Defense department
- Federal government
- Individuals
- Medical establishments
- Municipalities
- Research facilities
- State government
- Universities

- Contract required

**Packing And/Or Labeling Requirements**
- Name, address, telephone number and fair market value of items donated

### Yukon Marketing Group, Inc.

<table>
<thead>
<tr>
<th>Address</th>
<th>126 Cuyler Street</th>
</tr>
</thead>
<tbody>
<tr>
<td>City</td>
<td>Palmyra</td>
</tr>
<tr>
<td>State</td>
<td>New York</td>
</tr>
<tr>
<td>Zip code</td>
<td>14522</td>
</tr>
<tr>
<td>County</td>
<td>Wayne</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>315-597-8800</td>
</tr>
<tr>
<td>Fax Number</td>
<td>315-597-5687</td>
</tr>
<tr>
<td>Website</td>
<td><a href="http://www.yukonmkt.com">www.yukonmkt.com</a></td>
</tr>
<tr>
<td>Contact</td>
<td>Bob Saversky</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:yukonmkt@aol.com">yukonmkt@aol.com</a></td>
</tr>
</tbody>
</table>

- For-profit business

**Specific Activities**
- Broker
- Collection
- Materials recovery
- Parts recovery for reuse
- Product reuse
- Transportation

**Types of Equipment Accepted**
- Computer equipment including CRTs

**Forms of Equipment Accepted**
- Individual units
- Whole units only
- Large shipments

**Customers**
- Businesses
- Defense department
- Federal government
- Individuals
- Medical establishments
- Municipalities
- Research facilities
- State government
- Universities
For-profit business

**Specific Activities**
- product reuse

**Types of Equipment Accepted**
- computer equipment excluding CRTs

**Forms of Equipment Accepted**
- whole units only

**Customers**
- businesses
- defense department
- federal government
- individuals
- medical establishments
- municipalities
- research facilities
- state government
- universities

- Contract required

**Packing And/Or Labeling Requirements**
- All shipments on pallets & if being delivered, contact Envirocycle with a dock time
### Pennsylvania

**Equipment Services**  
263 Flagstone Drive  
Bethlehem, Pennsylvania 18016  
County: Northampton  
Telephone Number: 610-691-4410  
Fax Number: 610-691-5110  

Contact: Richard Schmidt  
E-mail: equipment@fast.net

*For-profit business*

**Specific Activities**  
- broker  
- collection  
- export  
- materials recovery  
- parts recovery for reuse  
- product reuse  
- transportation

**Types of Equipment Accepted**  
- all types of electronic equipment  
- computer equipment including CRTs

**Forms of Equipment Accepted**  
- individual units  
- large shipments  
- variety of forms

**Customers**  
- businesses  
- defense department  
- federal government  
- medical establishments  
- municipalities  
- research facilities  
- state government  
- universities

**Packing And/Or Labeling Requirements**  
- Palletized and separated

**Geographic Limitations**  
- Eastern PA, NJ, NY

### Vermont

**American Retroworks, Inc.**  
P.O. Box 1010  
Middlebury, Vermont 05753  
County: Addison  
Telephone Number: 802-382-8500  
Fax Number: 802-382-9500  
www.retroworks.com  

Contact: Robin Ingenthron  
E-mail: retroworks@mail.com

*For-profit business*

**Specific Activities**  
- broker  
- export  
- monitor testing and grading  
- product reuse  
- transportation

**Types of Equipment Accepted**  
- computer equipment including CRTs

**Forms of Equipment Accepted**  
- individual units  
- large shipments  
- variety of forms

**Customers**  
- anyone who pays the fee  
- businesses  
- defense department  
- federal government  
- individuals  
- medical establishments  
- municipalities  
- research facilities  
- state government  
- universities

Back Through the Future Micro - http://www.backthruthefuture.com/online.htm


Computer Recycling Organizations - http://www.ecompanynow.com/webguide/0,1660,35717%7C125%7C0%7C0%7C1%7Ca,00.html


The Internet's Used Stuff Marketplace - http://used.recycle.net/


Online Used Computer Swap - http://www.creativelement.com/swap/

PC Outlet Used Computer Exchange - http://www.usedcomputerexchange.com/

PC Surplus Online - http://www.pcsurplusonline.com/

Recycle Broker - http://www.recyclebroker.com/

Recycler's Exchange - http://www.recycle.net/exchange/

Share the Technology - http://www.sharetechnology.org/


The Used Computer Mall™ - http://www.usedcomputer.com/

Used Computer Shop - http://www.usedcomputershop.com/


*How the list was developed:* Web search and review for listings (over the period of June – July 2001) that appear to both buy and sell, or provide exchange services or listings, for used computers and/or televisions. Neither Empire State Development nor NERC in any way warrants the accuracy of the information or the viability or quality of the listed entities.
The Consumer Education Initiative (CEI) is a program developed by the Environmental Issues Council of the Electronic Industries Alliance (EIA). Its purpose is to inform consumers about recycling and reuse opportunities for used electronics. For more information, go to http://www.eiae.org/. You can also link directly to the EIA page of national programs for electronics recycling http://www.eiae.org/reuse_recycle/national_index.cfm.


Through the IBM PC Recycling Service, consumers and small businesses can recycle any manufacturer's PCs, including system units, monitors, printers and optional attachments for $29.99, which includes shipping. IBM PC Recycling Service will either recycle the equipment or refurbish the system and arrange for its donation to Gifts in Kind International (GIKI). http://www.ibm.com/ibm/environment/products/prp.phtml

Compaq Financial Services offers leasing and product reuse programs allowing many systems to be sold for reuse on the secondary market. In addition, Compaq Computer will give each participant discounts on future purchases of selected Compaq equipment. Compaq is working with United Recycling on their program. http://www.unitedrecycling.com/takeback/main.html

United Recycling Industries, Inc. offers an Electronic Take-Back Program for recycling obsolete or end-of-life computer equipment. You simply put your computer equipment in a box, affix a pre-paid shipping label provided by United, and drop it off at any UPS pick-up location. The cost of the program is $27.99 per box, which includes a prepaid shipping label for the cost of handling and transportation to United's Illinois recycling facility and the dismantling and recycling of the equipment. NOTE: Currently, the Program is only available to residents of Illinois, Wisconsin, Indiana, Missouri, Minnesota, Michigan and Iowa.

Dell offers its customers a variety of ways to manage end-of-life computer equipment from any manufacturer. U.S. consumers can trade-in, donate or auction old PCs through DellExchange (www.dell4me.com/dellexchange). Dell Financial Services, L.P. (http://www.dellfinancialservices.com/solutions/asset_recovery.asp) offers business, educational and government customers PC Recycling and Asset Recovery services to maximize value from obsolete and end-of-life equipment through recycling, reuse and resale options.

Hitachi, Westwood, MA has a corporate monitor trade-in program for large companies to upgrade their computer monitors. A corporation can get credit toward buying a new Hitachi monitor for every working monitor they trade-in. Hitachi will accept 15"-21" monitors of any brand. It also will provide environmentally safe recycling or disposal of non-working monitors. Contact: Leslie Bishop, Hitachi, (781) 461-8300 or (800) 441-4832, or leslie.bishop@hal.hitachi.com