



Recycle America
ALLIANCE

A Subsidiary of Waste Management, Inc.

Electronics Recycling
"Partnerships that Work"

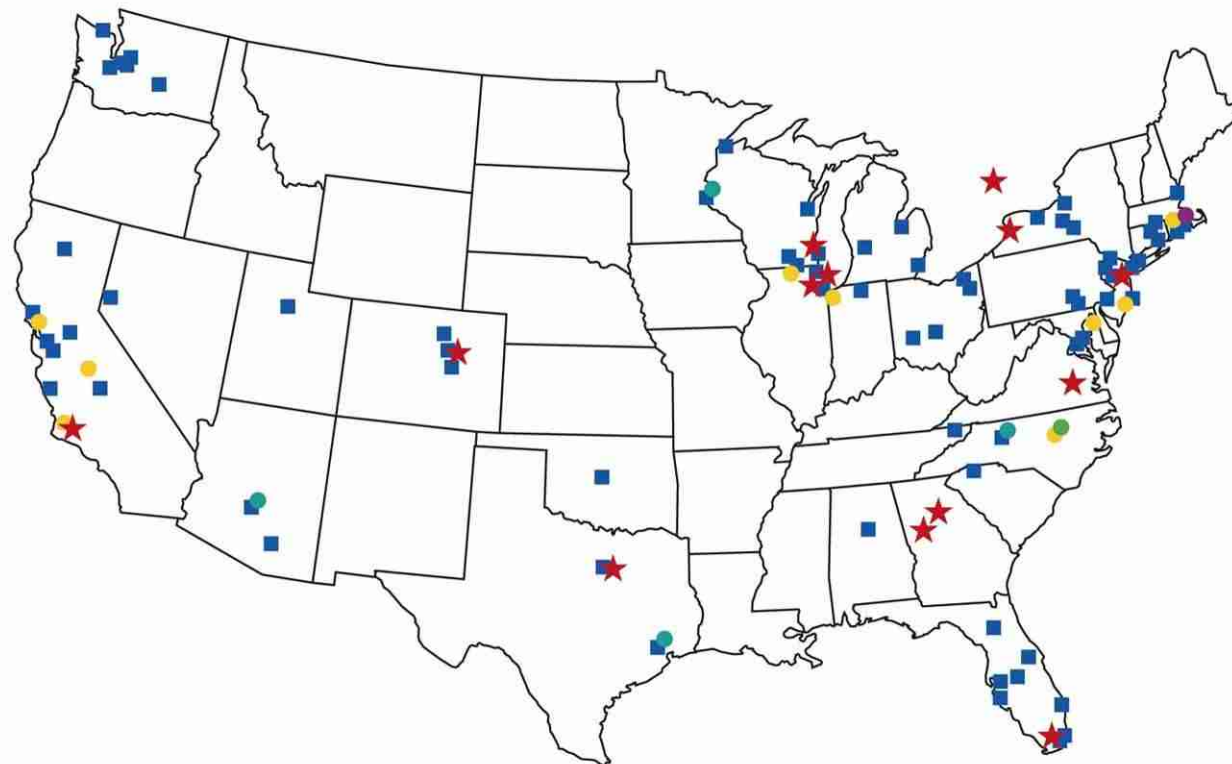


What is Recycle America Alliance?

- **Recycle America Alliance is the nation's largest recycling company, established by Waste Management, Inc. and The Peltz Group.**
- **RAA employs more than 2,800 people**
- **RAA operates over 80 recycling plants, 7 container processing facilities, 3 electronics recycling plants, and markets materials for an additional 110 facilities**
- **RAA manages more than 8 million tons of recyclables per year; and markets recyclables to consumers on a world-wide basis.**
- **National services include Glass, Plastics and e-Scrap processing. Also includes Document Destruction, OCC Bale Routes and Financial Hedging of waste paper.**



Recycle America
ALLIANCE



**We operate 80 recovery and processing plants
and provide
marketing responsibility for a total of more
than
190 locations in the U.S. and Canada.**

Recycle America Alliance – eCycling Services U.S. Processing Locations



Recycle America
ALLIANCE



**Drop-Off at the
Recycling Center**

**Customer Friendly
“One-Stop” Location
Nominal Fee Charged**



Recycle America
ALLIANCE

Drop-Off Site Samples



Inside of E-Waste Drop-Off Trailer



Recycle America
ALLIANCE



Appearance and ease-of-use are important.



Recycle America
ALLIANCE

Acceptable E-Waste for Recycling

Computers – CPUs
Computer Monitors
Computer Peripherals
Printers
Fax Machines
Keyboards
Photocopiers
Televisions
VCRs
Stereos
Home & Office Phones
Cell Phones
Consumer Electronics

Unacceptable E-Waste

Microwaves
Smoke Alarms/Detectors
Fire Alarms/Detectors
Thermometers
Dehumidifiers
Large Appliances –
Refrigerators, etc.
Non Decontaminated Medical
Equipment
Any unit with Sludge or Liquids



Recycle America
ALLIANCE

Down Stream Processing

Continuing rejection of “unqualified” export markets and options



Recycle America
ALLIANCE

Environmental Stewardship Pledge

First U.S. Electronics Recycler to Announce a Stewardship Pledge



- Regular EH&S audits of all significant secondary processors and end market vendors – domestic and export
- Environmental Management Systems in all electronics recycling operations (ISO 14001 Certification)
- All electronics from residential and municipal sources processed domestically.
- All CRTs and medium / high-grade circuit boards are shipped to North American markets



Recycle America
ALLIANCE

So... what's in a Monitor anyway?

Copper Yoke

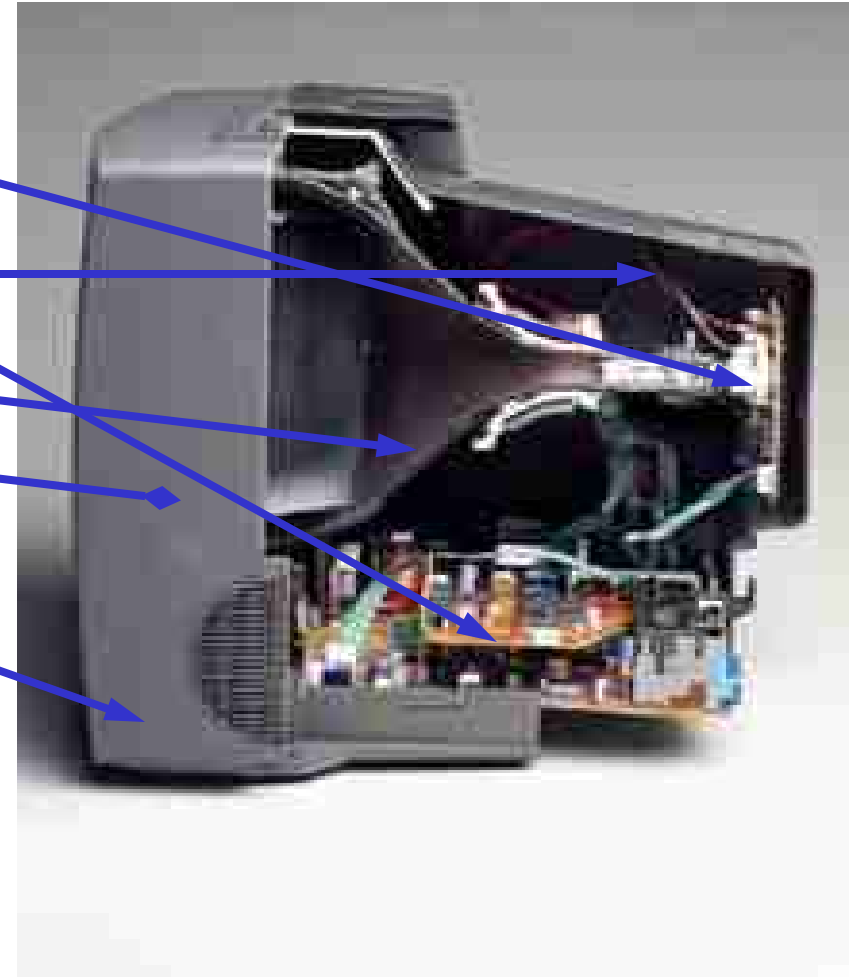
Module Board

Wire

CRT Funnel - Lead

CRT Panel - No Lead

Plastic



Recycle America
ALLIANCE

RAA eCycling Processing Plant

All RAA
eCycling
plants are
ISO 9001
and 14001
Certified



Line showing 2 Demanufacturing Work Stations



Recycle America
ALLIANCE

RAA eCycling Processing Plant



Demanufacturing Work Station



Recycle America
ALLIANCE

A CRT can contain up to 6 pounds of lead.

RAA eCycling Processing Plant

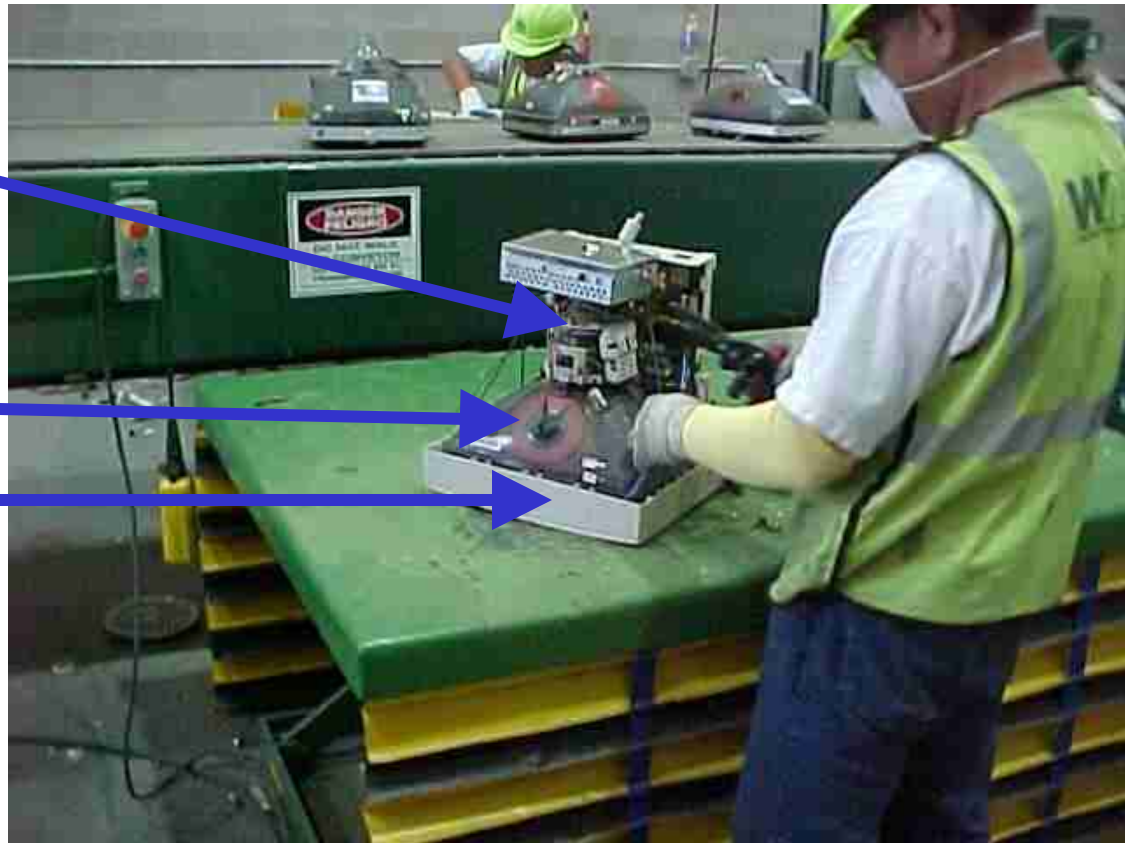


Monitor Demanufacturing



Recycle America
ALLIANCE

RAA eCycling Processing Plant



Demanufacture
into:

Steel / Metal

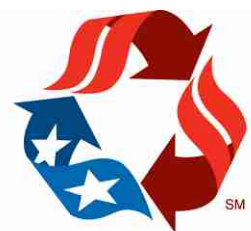
Copper Yoke

Module Board

Wire

CRT

Plastic



Recycle America
ALLIANCE

Monitor Demanufacturing



**CRT Glass to
Domestic Lead
Smelting or**

**Or Domestic Pre-
Processing and
Export for Glass-to-
Glass Reuse**



Recycle America
ALLIANCE



Circuit Boards for Metals Recovery



Recycle America
ALLIANCE



**RAA eCycling Plants
Realize Over 95%
Recovery Rate**



Recycle America
ALLIANCE



Its easy to add e-waste
to your existing recycling
or solid waste
management plan

Computers in Iowa –
“Since 1927”!



Recycle America
ALLIANCE



Recycle America Alliance eCycling Services

Joe Aho

Office: 507.344.2224 Cell: 651-470-2604

Jaho@recycleamerica.com



Recycle America
ALLIANCE

www.recycleamerica.com