

APRIL 29 - MAY 1, 2014

**All Roads Lead To
RECYCLE MI**



**MICHIGAN RECYCLING COALITION
ANNUAL CONFERENCE**

e-WASTE STAKEHOLDERS DIALOGUE



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PURPOSE of the SESSION



The Michigan Electronics Law (Part 173) is approaching five years old.



The DEQ is entering into a stakeholders review process.



We are seeking open an honest feedback from the regulated & affected community on how we can make this law better and more effective.

Basics of the Program



- ❖ Part 173 was implemented 2009
- ❖ Covers residential and small business (< 10 people)
- ❖ Manufacturers must register to sell covered devices in the state
 - CED= Computer, Tablets, Monitors, Printer, Television
 - 60% non-binding goal for televisions
 - No goal for computers (computers includes monitors)
- ❖ Recyclers must register if they are:
 - Recycling a CED
 - ✦ Recycling means any dismantling other than removing the hard drive for data security reasons
 - ✦ Accepting material from Michigan sources
- ❖ Retailers - Don't sell unregistered devices.

Current Challenges



❖ **Convenience**

- Limited opportunity for residents in rural areas
- Is one collection event per year convenient?

❖ **Pounds reported as recycled- plateau?**

- ❖ **PY 2011: 19,261,000 lbs. 1.95 lbs/person**
- ❖ **PY2012: 27,534,000 lbs. 2.79 lbs/person**
- ❖ **PY2013: 30,173,000 lbs. 3.05 lbs/person**

❖ **Controlling scrappers**

Current Challenges



Program needs better reporting

- 2003 DEQ memo requires collectors of e-waste to register with the state to be qualified for certain exemptions from regulations
 - We receive less than 50 notifications per year
 - Recently changed - Diverted Waste bill
- Recycling volume reported by manufacturers does not match well with the volume reported by registered recyclers.
 - 39 % difference in 2013
 - 37 % difference in 2012
- No reporting by collectors = no ability to cross check weights

Declining Support



Participation

- It started in 2012 and increased in 2013, DEQ has heard from registered recyclers that they are having difficulty getting manufacturers to support the program in Michigan.
- **Weight collected by top 10 recyclers**
 - 2012 – 90 %
 - ✦ There were 70 plus Mfgs registered last year
 - 2103 – 91 %
 - ✦ There will be 80 plus Mfgs registered this year
 - Recycling volumes were up in 2013 but by less than previous years.
 - Several recyclers do not directly participate in the “program”

COLLECTION INFRASTRUCTURE



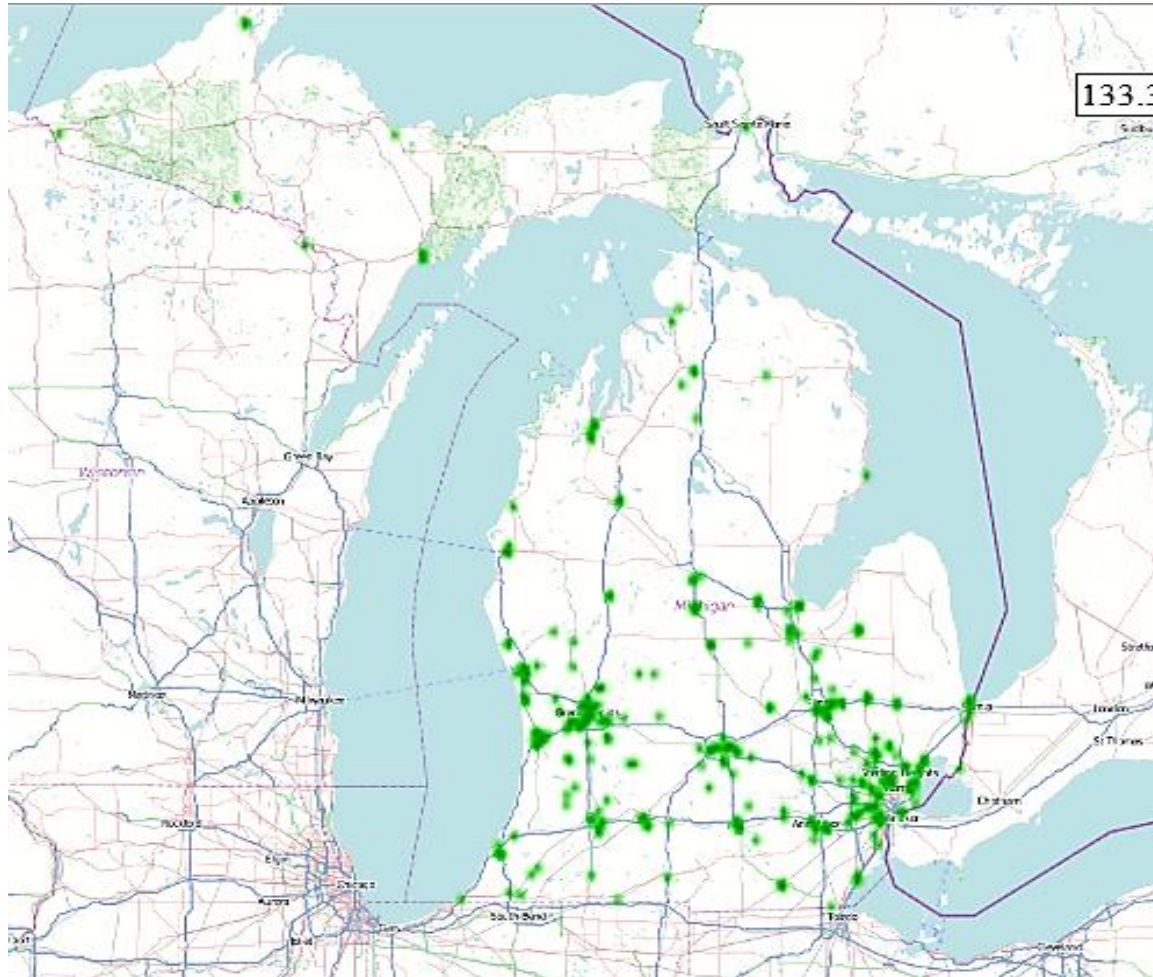
Known collection locations: 302

- 90% of those locations are reported by multiple programs

75 Percent of known collection locations are in the southern 1/3rd of the state

There are 5 known collection locations in the Upper Peninsula

Collection Locations



FUN FACTS



57 percent of manufacturer programs are mail order only.

Multiple programs offer mail order recycling for TVs

Percent of programs reporting “zero” collected pounds

- 36% in Program Year 2012
- 66% reported less than 25 tons collected in PY 2012

What's next for the program?



Stakeholder Process

- Streamline regulatory oversight for e-waste
 - ✦ Established a Workgroup on recycling & collection
 - ✦ Review overlap of Part 111, Part 115 and Part 173 for electronics

- Stakeholder group to update to the law
 - ✦ Definitions
 - ✦ Re-define “convenient”
 - ✦ Update “covered electronic devices”
 - ✦ Reporting and recordkeeping
 - ✦ Certification programs
 - ✦ Goals or bans
 - ✦ Recycler workgroup recommendations

Priorities for the program



DEQ hosted drop-off location map in 2014.

- What is the best way to get locations? Keep them updated?

Ongoing promotion of the program

- 2 press releases already in 2014. Many more to come.

Site inspections & complaint response

- Michigan recycling facilities will be inspected
- Focus on new recyclers and unregistered facilities

NOW YOUR PART

