

# ISTC Reports

Illinois Sustainable Technology Center



## Illinois Electronics Products Recycling Survey

**Susan Monte**

Champaign County Regional  
Planning Commission

**Bethany Carroll**

**Kirsten Hope Walker**

**Taylor Perez**

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ILLINOIS SUSTAINABLE  
TECHNOLOGY CENTER  
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## List of Abbreviations

CED	covered electronic device
CFL	compact fluorescent lamp/light
EED	eligible electronic device
EPA	Environmental Protection Agency
ILCSMA	Illinois Counties Solid Waste Management Association
IEPA	Illinois Environmental Protection Agency
ILCS	Illinois State Compiled Statutes
IRA	Illinois Recycling Association
OEM	Original Equipment Manufacturer
SSMMA	South Suburban Mayors and Managers Association
SWANCC	Solid Waste Agency of Northern Cook County
WCCWA	West Cook County Solid Waste Agency

## **Abstract**

The survey project identified barriers to proper recycling/reuse of electronic products in Illinois counties, statewide. The recycling phone survey project was conducted December 2013 through March 2014. Information was obtained from persons designated as county recycling coordinators, and from businesses, local governments, and agencies registered with the Illinois Environmental Protection Agency (IEPA) to collect, recycle/refurbish, or process electronic products collected in Illinois. Phone survey data was gathered regarding:

- who's doing what in Illinois counties with regard to electronics recycling;
- who the designated recycling coordinator is for each Illinois county (and awareness of the current IEPA annual \$2,000 grant opportunity); and
- types of barriers to proper recycling/reuse of electronics which may exist in Illinois counties, with input from local government recycling coordinators, registered electronic items collectors and recyclers.

The report includes a description of the survey design and survey population, data collection methods, and results. Observations and highlights of the survey project results are provided.

## **Chapter 1: Introduction**

### Survey Purpose

This survey research project was initiated to identify the types of barriers which may exist with regard to proper recycling/reuse of electronic products in Illinois. The project utilized a phone survey, conducted December 2013 through March 2014 to collect information from persons designated as the county recycling coordinator or solid waste management coordinator in each of the 102 Illinois counties, and from businesses, local governments, and agencies registered with the IEPA to collect, recycle/refurbish, or process electronics products collected in Illinois. The phone survey data gathered describes:

- who's doing what in Illinois counties with regard to electronics recycling;
- types of barriers to proper recycling/reuse of electronics which may exist in Illinois counties, with input from local government recycling coordinators, registered electronic products collectors, recyclers, and/or refurbishers;
- information regarding the designated recycling coordinator for each Illinois county; and
- general awareness regarding the current IEPA annual \$2,000 grant opportunity.

### Survey Report Overview

This report includes a description of the survey design and population surveyed, data collection methods, and results. Observations and highlights of survey project results are also provided.



## Chapter 2: Survey Design and Methodology

### Survey Design

The survey project was designed as a phone interview survey to collect descriptive, behavioral, and attitudinal (i.e., opinions) information regarding electronics recycling in Illinois for two separate, selected populations. Trained research assistants conducted phone interviews using a questionnaire developed specifically for each selected population. Additional information regarding the selected populations was obtained from IEPA upon request during the course of the survey project.

### Phone Interviews

The use of phone interviews based on a simple questionnaire containing one or more open-ended questions and directed to a specific population was selected as a survey design in order to obtain the following types of information:

opinions, attitudes, and levels of awareness about local electronics recycling opportunities and perceptions of needs or concerns with regard to electronics recycling options available to area residents;

- background information about electronics recycling options available to residents within one or more county areas of Illinois and statewide.
- creative and innovative ideas related to improving electronics recycling options for residents.

Some notable advantages of using a phone survey include potential cost savings and the relative level of anonymity provided (Rea & Parker, 2005). A phone survey is more anonymous than an in-person interview, allowing an interviewer to conduct in-depth questioning in a less-threatening environment than may exist in face-to-face situations.

### Populations Selected to be Surveyed

Two separate populations were selected for the phone survey:

#### 1) County Recycling Coordinators

The population of ‘County Recycling Coordinators’ consists of a total of 106 persons from a list of County Recycling Coordinators retrieved from the Illinois Department of Commerce and Economic Development (DCEO) website in 2013. The list represented the most current list available online from IEPA and DCEO at the time. The 2012 list features five persons representing five separate agencies/entities for Cook County:

- West Cook County Solid Waste Agency;
- South Suburban Mayors and Managers Association;
- Solid Waste Agency of Northern Cook County;
- Cook County Department of Environmental Control; and
- Chicago Department of Streets and Sanitation.

The 2012 list features two persons each to represent the following Illinois counties:

- Lake County has two persons listed to represent two separate entities: Solid Waste Agency of Lake County and Lake County Health Department and Community Health Center.
- Macoupin County has two persons listed to represent two separate entities: We Care and West Central Development Council.
- Menard County has two persons listed to represent two separate entities: Menard County Health Department and Menard County.

For Lake County, Macoupin County, and Menard County, one of the two contacts listed was arbitrarily selected to receive the opportunity be surveyed via phone. Appendix A contains the 2012 list of Illinois County Recycling Coordinators utilized for the phone survey. Each of the other 98 counties had one coordinator or shared a coordinator with other counties.

2) IEPA-Registered Collectors, Recyclers, Refurbishers

The 132 ‘Collectors, Recyclers and Refurbishers’ registered with the IEPA as of February 6, 2014, comprise the second population surveyed. The list was available from the IEPA ‘Electronic Waste Recycling’ webpage <http://epadata.epa.state.il.us/land/eWaste/crr-list.asp>. Appendix B contains the list of IEPA-registered Collectors, Recyclers, Refurbishers as of February 6, 2014.

The Electronic Products Recycling and Reuse Act (415 ILCS 150/), as amended, includes these defined terms:

“‘Collector’ means a person who receives covered electronic devices [CED] or eligible electronic devices [EED] directly from a residence for recycling or processing for reuse. ‘Collector’ includes, but is not limited to, manufacturers, recyclers, and refurbishers who receive CEDs or EEDs directly from the public.”

“‘Recycler’ means a person who engages in the recycling of CEDs or EEDs, but does not include telecommunications carriers, telecommunications manufacturers, or commercial mobile service providers with an existing recycling program.”

“‘Refurbisher’ means any person who processes CEDs or EEDs for reuse, but does not include telecommunications carriers, telecommunications manufacturers, or commercial mobile service providers with an existing recycling program.”

Upon request, the IEPA Electronic Recycling Program staff provided the project team with the most current contact names for each entity on the list registered with IEPA.



## Methods

No sampling of the selected populations occurred. This project choice was made in order to obtain as much broad-based information as possible from the limited numbers of entities comprising each of the two separate populations surveyed.

Research assistants served as phone interviewers. Each reviewed background materials regarding electronic waste recycling in Illinois, including the following resources:

- Electronic Products Recycling and Reuse Act (415 ILCS 150/);
- Solid Waste Planning and Recycling Act (415 ILCS 15/);
- IEPA 2013 Legislative Report: Electronic Recycling;
- IEPA 2012 Legislative Report: Electronic Recycling; and
- Content on the IEPA Electronics Waste recycling website ([www.epa.state.il.us/land/electronic-waste-recycling/](http://www.epa.state.il.us/land/electronic-waste-recycling/)).

Phone interviewers practiced conducting the actual survey and accurately documenting responses.

### Phone Survey Questionnaire

Figure 1 contains the questionnaire used for the phone survey of Illinois County Recycling Coordinators. Figure 2 contains the questionnaire used for the phone survey of IEPA- registered Collectors, Recyclers, and Refurbishers.

The survey results were expected to include a summary of findings including qualitative and descriptive information of responses, and general observations of noticeable patterns, if any, with regard to data collected.

**Phone Survey Questionnaire - IL County Recycling Coordinators**

1. Please generally describe your job at [ name of ] County.
  
- 2-a. How long have you worked at [ name of ] County ? \_\_\_\_\_
- 2-b. How long have you served as Recycling Coordinator / [ or as Solid Waste Manager] for [ name of ] County ? \_\_\_\_\_
  
3. I assume that you are aware of the recent Illinois law which bans many electronics products (*e.g. a list of 17 items including TVs, computers*) from disposal in Illinois landfills.  
Is this correct? \_\_\_ yes \_\_\_ no
  
4. Do you know what types of options are available to residents of [ name of ] County for recycling of electronic waste? Could you briefly describe those options?  
  
\_\_\_ I don't know about the options  
  
\_\_\_ local retailer or non-profit accepts all e-waste items from residents during business hours  
\_\_\_ NO cathode-ray-tube (CRT) TVs accepted, but will accept other TVs  
\_\_\_ NO TV's whatsoever accepted  
  
\_\_\_ residential e-waste collection event(s) held  
\_\_\_ one or more held annually  
  
\_\_\_ e-cycling bins, monitored and secure, are available at location(s)  
  
\_\_\_ other
  
5. Please describe any challenges or problems that you're aware of regarding options available for residents of [ name of ] County to recycle electronics products.
  
6. a. Does [ name of ] County work with an electronics recycling contractor ?
6. b. If so, name of company: \_\_\_\_\_
  
7. a. Are you aware of the IL Environmental Protection Agency .grant fund opportunity for education/outreach that can be applied for on an annual basis to county recycling coordinators?  
\_\_\_ Yes \_\_\_ No
7. b. Have you applied for this grant on behalf of \_\_\_\_\_ County?

Figure 1. Phone survey questionnaire—county recycling coordinators.

**Phone Survey Questions for Illinois EPA-Registered Collectors, Recyclers, Refurbishers**

The information I have is that [company/local govt/agency] is registered with IEPA as a  
\_\_\_\_\_ collector \_\_\_\_\_ recycler \_\_\_\_\_ refurbisher.

- 1) How long has [company/local govt/agency] been an e-waste [collector/recycler/refurbisher] ?
- 2a) Did [company/local govt/agency] work with Illinois counties/townships/municipalities to collect e-waste from residents during 2013? \_\_\_\_\_yes \_\_\_\_\_no
- 2b) If YES, which Illinois counties/townships/municipalities did [company/local govt/agency] work with during 2013? *list*
- 3) In your opinion, what are the most problematic e-waste items to deal with as a [collector/recycler/refurbisher] ?
- 4) What types of obstacles or barriers does [company/local govt /agency] encounter as an e-waste [collector/recycler/refurbisher] ?
- 5) Do you have suggestions regarding types improvements that could be made to help in your day-to-day operations as a [collector/recycler/refurbisher] ?
- 6) Do you have other e-waste related concerns/comments that you want to mention?

Figure 2. Phone survey questionnaire—registered collectors, recyclers, refurbishers.



## Chapter 3: Survey Results

### County Recycling Coordinators in Illinois

The project team obtained full or partial phone survey responses from 69 of the 102 counties in Illinois for a response rate of 68%. Survey responses were collected from persons contacted based on best available information regarding ‘county recycling coordinator’ in those counties. Survey responders provided their responsibilities and information about their county. No responses to the phone survey were obtained from persons listed as County Recycling Coordinator for 33 Illinois counties. Figure 3 illustrates the Illinois counties for which a phone survey response was obtained.

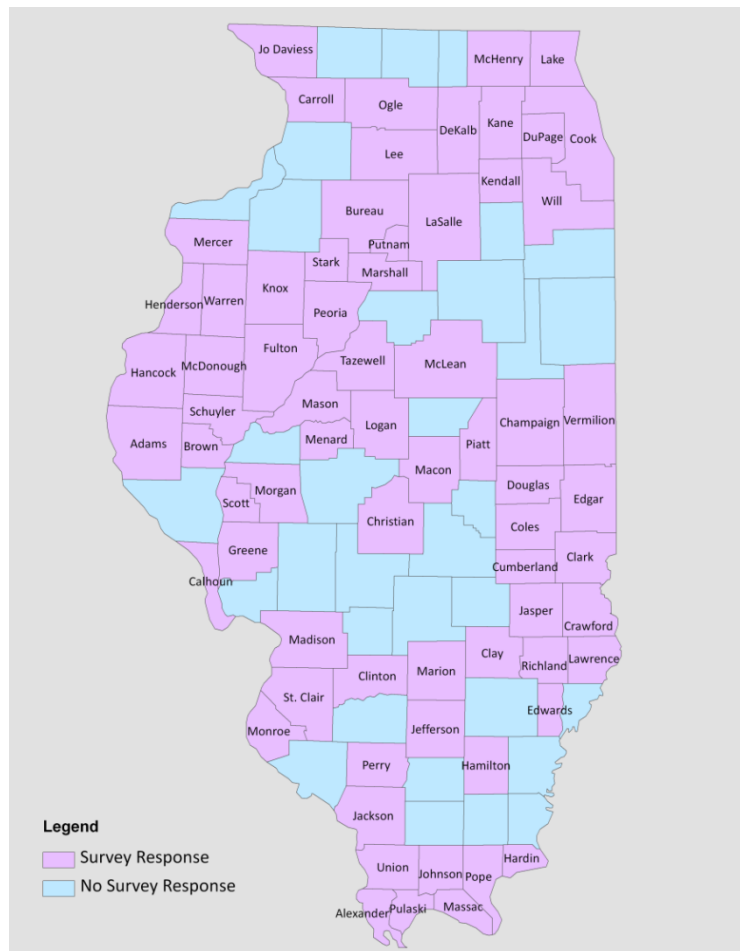


Figure 3. Phone survey responses obtained regarding 69 Illinois counties.

## County Recycling Coordinator Phone Survey Question 1

*1) Please generally describe your job at [name of] County.*

A total of 47 of the 73 persons responding to Question 1 described their job at, or on behalf of, a county. A summary of responses obtained to Question 1 follows (Figure 4):

- Fourteen survey respondents work full-time for a county health department, with eight of these respondents serving as health department administrators, or environmental health department directors.
- Four survey respondents have full-time positions as ‘recycling coordinator’ or ‘recycling programs specialist’ at larger population counties, with recycling and solid waste management responsibilities.
- Four survey respondents work as full-time ‘solid waste coordinators’ for one or more counties, with enforcement-related duties.
- Five survey respondents work full-time as ‘recycling coordinator,’ some with associated outreach or education duties at independent agencies established to serve recycling/solid waste needs of municipalities and counties in densely populated areas situated in or nearby greater Chicago metropolitan area.
- One survey respondent has a full-time position as ‘director’ of a not-for-profit environmental agency established to provide environmental education, information, outreach, and technical assistance to municipalities and the county in which it’s located.
- One survey respondent has a full-time position as ‘sustainability coordinator’ at a county planning and development department.
- One survey respondent works full-time as ‘recycling and solid waste coordinator’ to administer recycling programs to urban and rural areas of three counties with electronics collection programs in eight counties, in a program administered by a regional council serving local governments.
- Two survey respondents indicated they are employed at a county land use department.
- One survey respondent serves as a city planner.
- Four survey respondents designated as ‘county recycling coordinator’ with the great majority of their job duties pertaining to other issues (e.g., housing, regional, or urban planning) at a regional council serving local governments.
- Eight survey respondents serve as part-time chairpersons of a county board/commission.
- One respondent is employed as a full-time county administrator.
- One respondent is employed full-time at a county soil and water conservation district.

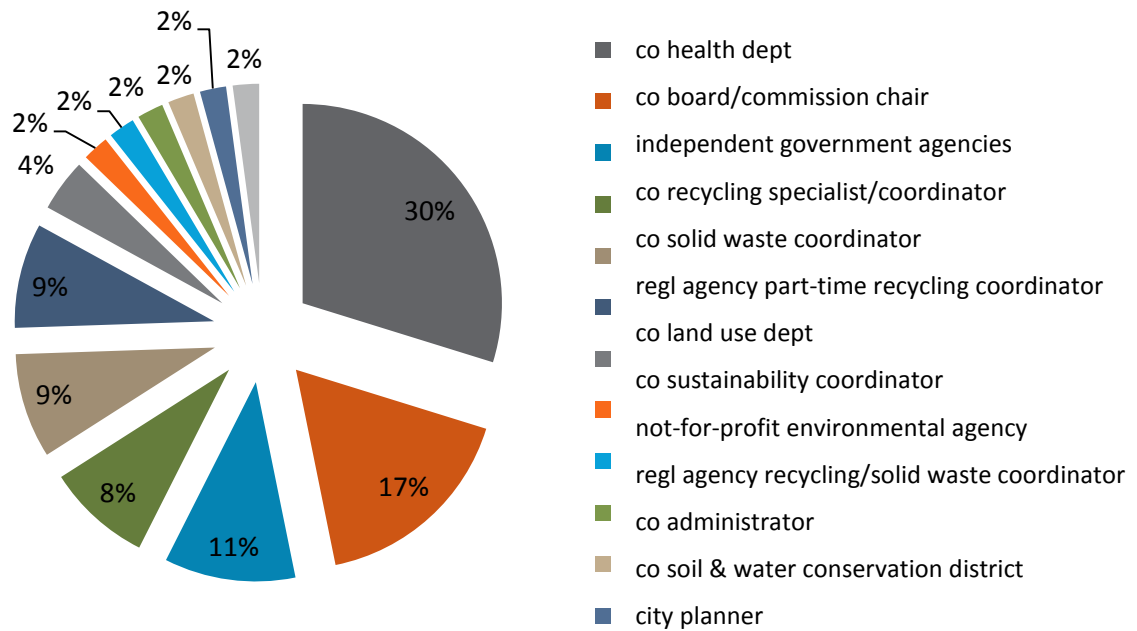


Figure 4. County recycling coordinator respondents.

### County Recycling Coordinator Phone Survey Question 2

2a) *How long have you worked at [name of] County?*

2b) *How long have you served as Recycling Coordinator or Solid Waste Manager at [name of] County?*

This question explored the length of time persons with ‘county recycling coordinator’ duties have worked with or on behalf of a particular county and the length of time served as ‘county recycling coordinator.’ A total of 73 responses were obtained from persons responding to questions 2a and 2b. Table 1 provides a summary of responses received.

Table 1. County recycling coordinator responses to Question 2.

		In position with/on county behalf and serving as 'county recycling coordinator'	
85%	less than 5 years	34.2%	25
	6 – 10 years	27.4%	20
	11-15 years	15%	11
	16 or more years	8.2%	6

		in position with/on county behalf and unaware of designation as 'county recycling coordinator'	
11%	less than 5 years	4.1%	3
	6 – 10 years	4.1%	3
	11-15 years	1.3%	1
	16 or more years	1.3%	1

4%		no person assigned to fill role with/on county behalf or known to be designated as 'county recycling coordinator'	
		4%	3

### County Recycling Coordinator Phone Survey Question 3

*3) I assume that you are aware of the recent Illinois law which bans many electronics products from disposal in Illinois landfills. Is this correct?*

Sixty-nine of 73 of survey respondents (95% of respondents) indicated they were aware of the ban on electronics products from disposal in Illinois landfills. No response was received to Question 3 from persons representing four counties, including three counties for which no known person is assigned to fill role with/on county behalf or known to be designated as 'county recycling coordinator' and one county for which the designated county recycling coordinator indicated that she does no work related to solid waste management or recycling.



### County Recycling Coordinator Phone Survey Questions 4 and 5

*4) Do you know what types of options are available to residents of [ name of ] County for recycling of electronic waste? Could you briefly describe those options?*

*5) Please describe any challenges or problems that you're aware of regarding options available for residents of [ name of ] County to recycle electronics products.*

Sixty-one responses were received to question 4 and related question 5, with regard to electronics recycling options available to residents of 69 counties in Illinois. Only five of the 61 respondents indicated no significant concerns or problems with regard to electronics products recycling options available to county residents. Appendix C contains a list of the responses received from respondents to Questions 4 and/or Question 5, and Table 2 summarizes the information obtained. Figure 5 is a map which diagrams the response types received to the County Recycling Coordinator Survey Questions 4 and 5.

Table 2. Responses to county recycling coordinator survey Questions 4 and 5.

(n) = 69	Proportion of Counties about which Responses Received (%)	Types of Electronics Recycling Options in County	Counties about which Responses Received
8	12%	no options available	Calhoun, Clark, Crawford, Edwards, Greene, Lawrence, Richland, Scott
7	10%	don't know	Hamilton, Jasper, Jefferson, Morgan, Pope, Pulaski, Union
8	12%	local retailer or non-profit accepts electronics	Christian, Clay, Douglas, Madison, Marion, McLean, Putnam, St. Clair
2	3%	health department accepts electronics	Fulton, Henderson
1	1%	city hall accepts electronics	Schuyler
1	1%	highway department accepts electronics	Hancock
14	20%	e-waste collection(s) held	Alexander, Brown, Carroll, Clinton, Cumberland, Jo Davies, Johnson, LaSalle, Lee, Logan, Mason, Menard, Perry, Piatt
3	5%	e-bins available	Bureau, Hardin, Marshall
21	30%	mix of options available: e-waste collection(s) held; e-bins are available; and/or local retailer or not-for-profit accepts electronics	Adams, Champaign, Cook, DeKalb, DuPage, Edgar, Jackson, Kane, Kendall, Knox, Lake, Macon, McDonough, McHenry, Mercer, Ogle, Peoria, Tazewell, Vermilion, Warren, Will
3	5%	recycling contractor/site available	Coles, Monroe, Stark
1	1%	local waste hauler collects electronics	Massac



County Recycling Coordinator Phone Survey Questions 6a and 6b

6a) Does [ name of ]\_County work with an electronics recycling contractor?

6b) If so, name of company: \_\_\_\_\_

Twenty-six affirmative responses were obtained to questions 6a and 6b, with one respondent to this question representing three counties, one representing two counties, and three respondents representing one county. The result is that 27 of the 69 counties (42%) for which survey responses were obtained are reported as working with an electronics recycling contractor. Of the 27 counties, 12 county respondents added on behalf of their county that they were either satisfied or very satisfied with regard to their experience working with the electronics recycling contractor. In addition, six of these same 12 counties indicating no significant problem or concern with regard to electronics recycling options available to residents of that particular county. Table 3 summarizes some additional survey comments obtained, and Figure 6 indicates the counties reported as selecting an electronics recycling contractor to work with.

Table 3. Responses about counties selecting an electronics recycling company.

27 Counties Reported as Selecting an Electronics Recycling Company to Work With	Respondents for 12 of the 27 Counties Reporting Satisfied or Very Satisfied Working with Electronics Recycling Company	Respondents for 6 of the 12 Counties Reporting no Significant Concern Regarding Electronics Recycling Options for County Residents
Adams, Bureau, Carroll, Jo Davies, Champaign, Christian, Cook, DeKalb, DuPage, Hardin, Jackson, Kane, Lake, LaSalle, Lee, Logan, Madison, Marshall, McDonough, McHenry, Mercer, Monroe, Ogle, Perry, Piatt, Warren, Will	Adams, Carroll, Jo Davies, Christian, Cook, Kane, Logan, McDonough, McHenry, Mercer, Warren, Will	Adams, Christian, McDonough, McHenry, Mercer, Warren

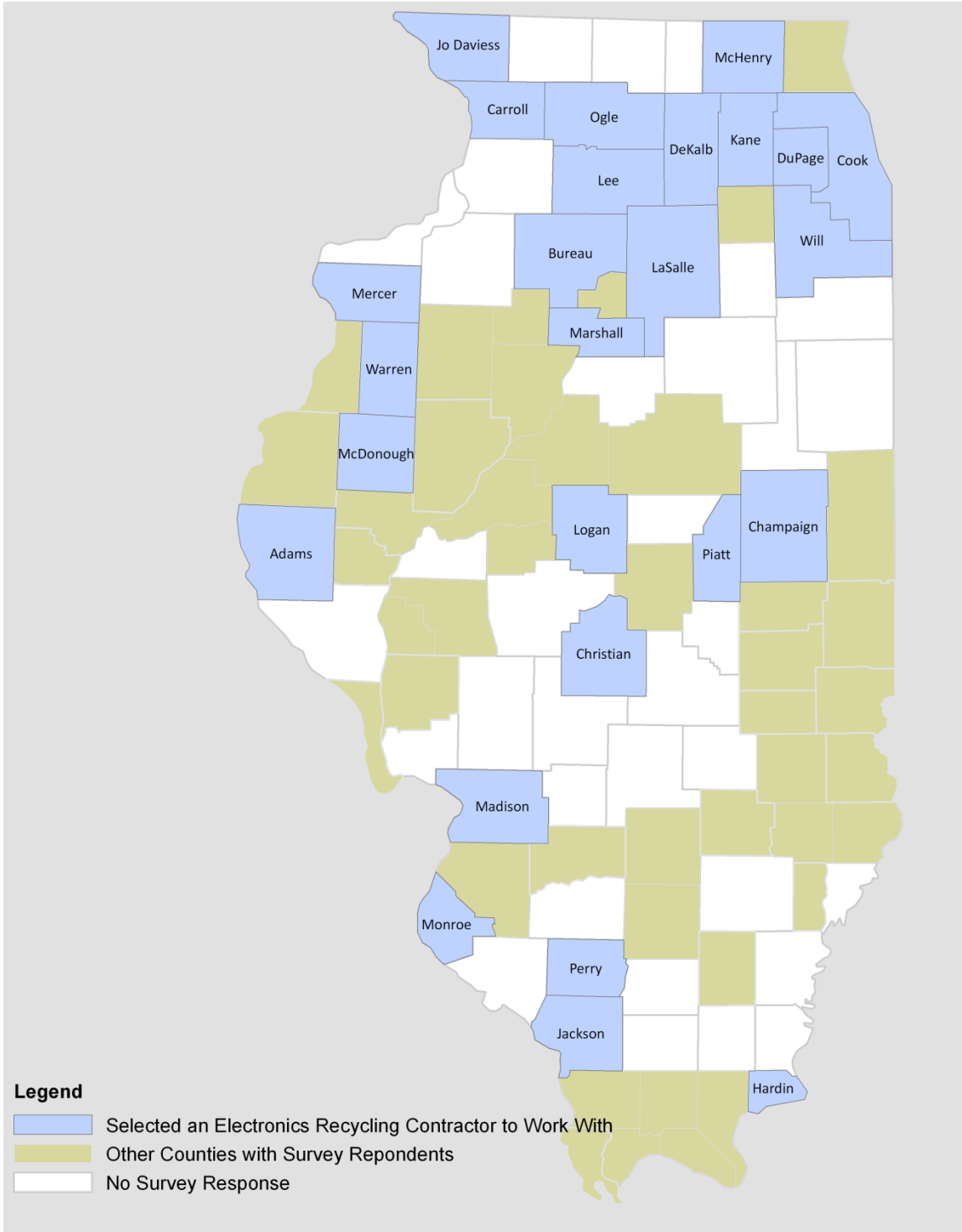


Figure 6. Counties reported as selecting an electronics recycling company to work with.

County Recycling Coordinator Phone Survey Questions 7a and 7b

*7a) Are you aware of the IL Environmental Protection Agency grant fund opportunity for education/outreach that can be applied for on an annual basis to county recycling coordinators?*  
\_\_\_\_ Yes \_\_\_\_ No

*7b) Have you applied for this grant on behalf of \_\_\_\_ County?*

Respondents on behalf of 38 counties (55%) of 69 counties, for which survey responses were obtained, indicated their awareness of the annual opportunity to apply for an IEPA Electronic Products Recycling and Reuse Grant. Nine of the 38 survey respondents indicated they did not apply for the IEPA grant on behalf of a county. Table 4 lists the reasons provided by some respondents regarding their choice not to apply for the IEPA grant. Figure 7 displays the 38 counties on behalf of which respondents indicated they were aware of the IEPA grant opportunity and highlights the nine counties for which respondents – although aware of the IEPA grant opportunity – did not apply for the grant. Two of these nine counties (Edwards and Lawrence Counties) counties which survey respondents had indicated in response to Survey question 4 that no options exist for residents in the county to recycle electronics.

Table 5 lists other comments made by participants in the survey.

Table 4. Respondents aware of IEPA electronics recycling grant and whether IEPA grant was applied for on behalf of county.

	<i>County</i>	<i>Have you applied for this grant on behalf of County?</i>
1	Adams	Yes, applied last year and this year.
2	Brown	City has, county has not.
3	Carroll	Yes
4	Champaign	Yes
5	Christian	No, program has been in place for quite some time. Advertising is taken care of by BLH.
6	Clay	No, as director she doesn't have enough time to fill out paperwork.
7	Cook	Yes
8	DeKalb	Yes
9	Douglas	Yes
10	DuPage	Yes
11	Edgar	No
12	Edwards	
13	Jackson	Yes, 2 years
14	Jefferson	No
15	Jo Daviess	Yes
16	Kane	Yes
17	Lake	Yes
18	LaSalle	No
19	Lawrence	No, because information is not applicable to his counties. It is not worth effort to apply if it is only \$2,000 and there are no opportunities in counties.
20	Lee	No
21	Logan	Yes, how they pay for internet ads.
22	Macon	Yes, 2nd time using it.
23	Madison	Yes
24	Marshall	Yes, applied 2 times in past for grant money, but they need help with operations, not expansion, so they have not been able to receive funding.
25	McDonough	Yes, applied last year.
26	McHenry	Yes, 2nd year applying.
27	McLean	Yes, 2nd year applying.
28	Menard	No
29	Mercer	Yes
30	Monroe	No
31	Ogle	Yes
32	Peoria	Yes
33	Perry	Yes
34	St. Clair	Yes, applied last year and this year.
35	Tazewell	Yes, applied last year.
36	Vermilion	Yes
37	Warren	Yes
38	Will	Yes have applied 2 years in a row.





Table 5. Other comments from respondents to county recycling coordinator survey.

<i>County</i>	<i>Other Comments</i>
Brown	Feels that the outside-county providers and recycling events that Dot Foods has per year are sufficient for size of county.
Bureau	Pleased with the way things are working for the city/county.
Calhoun	Concerned about funding.
Cook	Recycling of CRTs is very expensive, recycler is paying price to recycle them. Working with well qualified recycler has helped with handling of electronics extremely well.
Douglas	Department is very small, but still able to do very well. Sometimes, if a resident is not able to transport electronics, she personally will pick them up for the resident.
Jefferson	Needs to know places where electronics can be recycled, needs help with advertising.
Kane	[--] cannot handle the quantities, don't have enough contracts with manufacturers. Aren't able to make contracts with the manufacturers. Law should require higher percentage of weight based on retail sales of two years past. At present electronics collected (e.g., large televisions) are large and electronics products being soil are very small. CRT processing is an issue. Why is there a breakdown?
Lake	<ol style="list-style-type: none"> <li>1. Processors must separate CEDs and EEDs.               <ol style="list-style-type: none"> <li>a. adds efforts to processors.</li> <li>b. significant time and cost documenting.</li> <li>c. instead of 28 categories between the two, report only CEDs and EEDs collected.</li> </ol> </li> <li>2. Exceed collection goals, but pounds of collection has decreased (2014 is 42 million, down from 44 million).               <ol style="list-style-type: none"> <li>a. manufacturers do not have to collect all the products that are out there.</li> <li>b. 50% of what manufacturers sell into state must be collected, should boost up to 75%.</li> </ol> </li> <li>3. Collectors can currently reject some CEDs.               <ol style="list-style-type: none"> <li>a. make collectors have to collect all CEDs.</li> <li>b. some do not accept TVs, those that do must take on a heavy load.</li> </ol> </li> <li>4. Manufacturers claim less pounds of electronics than the collectors.               <ol style="list-style-type: none"> <li>a. collectors are double counting their weight (ghost weight).</li> <li>b. collectors take things that the OEMs don't pay for, sell to metal scrap yard.</li> <li>c. collectors also take commercial waste and count it, which is not covered by legislation.</li> </ol> </li> <li>5. IEPA states that processors should be certified. No specifications as to what or how much.               <ol style="list-style-type: none"> <li>a. processors would like to be audited, distinguish sham processors from legitimate.</li> </ol> </li> <li>6. Collection agencies' time.               <ol style="list-style-type: none"> <li>a. need more frequent collection than once a year.</li> <li>b. having a center open for recycling gives convenience and availability, people are more willing to recycle.</li> </ol> </li> <li>7. IEPA grant not permanent, amount too small to service county of 700,000 people.               <ol style="list-style-type: none"> <li>a. IL companies not getting business, processors are located outside of IL due to relationships with OEMs.</li> </ol> </li> </ol>

continued

Table 5. Other comments from respondents to county recycling coordinator survey. (continued)

Lawrence	Every time the State comes up with a new law, they don't provide infrastructure or funding to help counties implement it to help people.
Macon	Better options for recycling CRTs.
Marshall	The funds available from state need to be more equitably distributed. It should not be that all counties with landfills get all the tax money.
Mason	The county cannot afford to coordinate electronics recycling events. Leaves coordination to municipalities within county.
Morgan	Worked in electronic recycling in another county (Jersey). Is just getting used to working in a new county. Has experience with pick-ups coordinated with IEPA.
Ogle	Manufacturers are supposed to fund the recycling. At the beginning the county received money for recycling, now not getting paid anything for the materials.
Peoria	Program is going well.
Perry	Carbondale is 35 miles away, so it is difficult for people go there just to drop off electronics. Many will dump rather than store their electronics for the next event.
St. Clair	Trying to help find a market for lead glass in televisions and computer screens. How can the state properly open up those markets so locals can dispose of them.
Will	Another issue is lack of enforcement by IEPA. Bad electronic recyclers can set up shop with IEPA's blessing, not R2 certified, cherry pick, only taking stuff that has high value, and dropping off stuff they don't want at drop off sites--causing pricing for the recyclers to be impacted. Make recyclers service all items whole. There are good recyclers doing everything but...

### Collectors, Recyclers, and Refurbishers in Illinois

The project team obtained phone survey responses from IEPA-registered collectors, recyclers, and refurbishers in Illinois. The original survey population was 132 collectors, recyclers and refurbisher companies. Survey responses were obtained from 75 entities (57%) of the survey population. Of the 75 responses obtained, 61 responses (81% of responses received) were collected from an in-state company, local government, or agency while 14 responses (19% of responses obtained) were from an out-of-state business collecting electronic products in Illinois.

Collectors, Recyclers, and Refurbishers Phone Survey Question 1

*1) How long has the [company/local government/agency] been an e-waste [collector/recycler/refurbisher]?*

Table 6 lists responses obtained to question 1. More than half of respondents represented entities in business between one to four years.

Table 6. Collector, recycler, refurbisher responses to Question 1.

	In-State Company/Local Government/Agency		Out-of-State Company		Total	
	Percentage (%)	Number (n)	Percentage (%)	Number (n)	Percentage (%)	Number (n)
Less than a year	3%	2	14%	2	5%	4
1-4 Years	54%	33	57%	8	55%	41
5-9 Years	16%	10	0%	0	13%	10
10-14 Years	18%	11	0%	0	15%	11
15+ Years	7%	4	0%	0	5%	4
Missing Response	2%	1	29%	4	7%	5
<b>Total Question 1 Responses</b>	<b>100%</b>	<b>61</b>	<b>100%</b>	<b>14</b>	<b>100%</b>	<b>75</b>

Collectors, Recyclers, and Refurbishers Phone Survey Question 2a and 2b

2a) Did the company/local government/agency collect e-waste from Illinois residents during 2013?

2b) If yes, which Illinois counties/townships/municipalities did [company/local government/agency] work with during 2013?

Table 7 summarizes the 75 responses obtained with regard to question 2a. Thirty-seven in-state company/local government/agency respondents collected electronic products from Illinois residents during 2013, and a subset of 33 respondents provided a response to question 2b. Only two of the 14 out-of-state respondents indicated that their business collected electronic products from Illinois residents during 2013. Appendix D lists the answers obtained from those providing a response to question 2b.

Table 7. Collector, recycler, refurbisher responses to Question 2a.

	In-State Company/ Local Government/ Agency		Out-of-State Business		Total	
	Percentage (%)	Number (n)	Percentage (%)	Number (n)	Percentage (%)	Number (n)
Yes	61%	37	14%	2	52%	39
No	38%	23	71%	10	44%	33
Other	2%	1	14%	2	4%	3
Total Question 2 Responses	100%	61	100%	14	100%	75

Collectors, Recyclers, and Refurbishers Phone Survey Question 3

3) *In your opinion, what are the most problematic e-waste items to deal with as a [collector/recycler/refurbisher]?*

Question 3 identifies only the most problematic electronic products item indicated by each survey respondent representing a business, local government, or agency registered with IEPA as a collector, recycler, or refurbisher of electronic products. A summary of 61 survey responses obtained from in-state company/local government/agency respondents and a summary of 14 responses obtained from out-of-state respondents are listed in Table 8.

Survey respondents indicating ‘none’ in response to Question 3 may have done so because they simply stopped dealing with such problematic items as CRTs, or they have not had an issue because someone downstream is the one dealing with the difficult aspects of CRT processing.

Table 8. Collector, recycler, refurbisher responses to Question 3.

In-State Business/Local Government/Agency Question 3 Responses Obtained		
CRTs, TVs, and/or Monitors	74%	45 responses
None	10%	6 responses
Other	16%	10 responses <ul style="list-style-type: none"> <li>• LCD screens with the mercury backlights</li> <li>• any electronics with heavy plastic coverings</li> <li>• anything that requires more than two people to handle</li> <li>• items not covered under the law: white goods</li> <li>• items that have had cords cut or yolks removed</li> <li>• heavier, bigger items</li> <li>• low-value materials</li> <li>• Freon-containing small appliances</li> <li>• consumer electronics</li> <li>• broken items</li> </ul>
Out-of-State Business/Local Government/Agency Question 3 Responses Obtained		
CRTs, TVs, and/or Monitors	86%	12 responses
None	7%	1 response
Other	7%	1 response <ul style="list-style-type: none"> <li>• repair shops dropping off partially dismantled units or just bare CRT which is a hazard for our maintenance person to handle</li> </ul>

Collectors, Recyclers, and Refurbishers Phone Survey Question 4

4) *What types of obstacles or barriers does [company/local government/agency] encounter as an e-waste [collector/recycler/refurbisher]?*

A total of 59 respondents provided a response to question 4, each mentioning one or more types of obstacles or barriers encountered as a collector, recycler, and/or a refurbisher of electronic products in Illinois. Table 9 is a general compilation of responses received. Table 10 provides a summary of the types of barriers and obstacles encountered by collectors, recyclers, and/or refurbishers as indicated by question 4 respondents.

Table 9. Types of electronic products collection, recycling, and/or refurbishing obstacles or barriers encountered.

	Number of Times Mentioned	Overall Frequency of Mention
Material Transportation	6	5%
Lack of consideration when picking up items		
People drop-off items out of hours		
People drop-off broken/hazardous items		
Cost of transportation continues to rise		
Attitudes of Indifference	7	6%
It's not my problem		
Individuals & companies		
CRTs	25	22%
Companies Stockpiling CRTs		
Cost of Processing is Net Negative		
Difficult to find places that will process the CRTs properly		
State/Regulations/Certification	13	12%
Policies are too complicated		
Too many categories to report on		
Information is difficult to understand and/or find		
Lack of support from State		
Certification Issues (fees, time to get it, end-of-life rules)		
General Public Awareness	6	5%
Facility Limitations	4	4%

continued

Table 9. Types of electronic products collection, recycling, and/or refurbishing obstacles or barriers encountered. (continued)

	Number of Times Mentioned	Overall Frequency of Mention
Dumping/Low-Value Materials	12	11%
People taking the valuable stuff & dumping the rest on us		
Residential e-waste has too much low-value material		
Corruption	8	7%
Collecting Business e-waste, reporting as Residential		
Ghost/Phantom waste reporting		
Unexplainable low prices = not doing the right thing		
Volume	3	3%
Too little, too much, not steady		
OEMs	11	10%
Agreements canceled or terms changed		
Agreements not available - small companies struggling		
OEMs are only paying as little as they can get away with		
Other	6	5%
None No obstacles encountered.	11	10%

Table 10. Summary of types of barriers or obstacles encountered by Question 4 respondents.

CRTs	<ul style="list-style-type: none"> <li>• Companies stockpiling CRTs</li> <li>• Cost of processing is net negative</li> <li>• Difficult to find places that will process the CRTs properly</li> </ul>
State Regulations/ Certification	<ul style="list-style-type: none"> <li>• Policies are too complicated</li> <li>• Too many categories to report on</li> <li>• Information is difficult to understand and/or find</li> <li>• Lack of support from state</li> <li>• Certification Issues (fees, time to get it, end-of-life rules)</li> </ul>
General Public Awareness and Attitude	<ul style="list-style-type: none"> <li>• Lack of public awareness of costs or safety issues with CRTs</li> <li>• Lack of consideration when dropping off or picking up materials</li> <li>• Not aware of any obstacles</li> </ul>
Corruption	<ul style="list-style-type: none"> <li>• Collecting business e-waste, reporting as ‘residential’</li> <li>• People and businesses purposefully dumping the e-waste</li> <li>• Ghost/phantom waste reporting</li> <li>• Unexplainable low prices equals not doing the right thing</li> </ul>
Cannot Compete	<ul style="list-style-type: none"> <li>• Companies struggling to be competitive against big companies, companies with OEM agreements, etc.</li> </ul>
OEMs	<ul style="list-style-type: none"> <li>• Agreements canceled or terms changed</li> <li>• Agreements not available - small companies struggling)</li> <li>• OEMs are only paying as little as they can get away with</li> </ul>
Other	<ul style="list-style-type: none"> <li>• Facility and/or staff limitations</li> <li>• Cost and logistics of transportation</li> <li>• Volume of materials (too much, too little, unpredictable)</li> </ul>

Collectors, Recyclers, and Refurbishers Phone Survey Question 5

*5) Do you have suggestions regarding types of improvements that could be made to help in your day-to-day operations as [collector/recycler/refurbisher]?*

Table 11 contains a summary of responses received from Question 5 survey respondents.



Table 11. Suggestions obtained from Question 5 respondents.

CRTs	<ul style="list-style-type: none"> <li>• Make it easier to get rid of TVs/CRTs</li> <li>• Increase the value of the old CRTs</li> <li>• Do not let companies opt-out of accepting CRTs</li> <li>• Allow companies to charge for CRTs</li> </ul>
OEMs	<ul style="list-style-type: none"> <li>• Increase the weight quota requirements</li> <li>• Make sure the right people are getting the OEM money (do not let it only go to the big companies)</li> </ul>
Enforcement	<ul style="list-style-type: none"> <li>• Oversight/audits necessary</li> <li>• Audits need to be done by knowledgeable people</li> <li>• Provide a municipality representative on site for collection events</li> <li>• Greater penalties needed for residents</li> </ul>
More Government Involvement	<ul style="list-style-type: none"> <li>• Provide more assistance/aid money</li> <li>• Pay the companies without OEMs for CRTs</li> <li>• Provide toolkit for counties new to e-waste recycling</li> <li>• SBA loans need to be easier to get</li> <li>• Help with the alkaline batteries</li> </ul>
Public Awareness / Education	<ul style="list-style-type: none"> <li>• People still need to be told not to throw e-waste away</li> <li>• Consistent branded message needed</li> <li>• Website, with clear information</li> <li>• Promotions (tv and radio)</li> <li>• Constant communication link needed</li> <li>• More accuracy/more details provided to public needed</li> </ul>
Legislation/ Regulation/ Fee Suggestions	<ul style="list-style-type: none"> <li>• Decrease registration fees</li> <li>• Stop charging the people doing the right thing</li> <li>• Decrease the certification fees</li> <li>• Please issue EPA numbers</li> <li>• Make OEM program more user-friendly</li> <li>• Less broad legislation</li> <li>• Simplify the regulations/policies/reporting</li> <li>• Let us sell our materials to any certified recycler</li> <li>• Let manufacturers fill their quota from any state</li> <li>• Provide no-cost recycling options for small businesses</li> <li>• No reporting should be necessary</li> <li>• To reduce errors in reporting, require the use of a specific container/trailer, report percentage</li> </ul>
Other	<ul style="list-style-type: none"> <li>• Create a demand for the recycled material</li> <li>• More processing options/locations are needed</li> </ul>

## Collectors, Recyclers, and Refurbishers Phone Survey Question 6

*6) Do you have other e-waste related concerns/comments that you want to mention?*

Of the 73 respondents who provided responses to survey questions 4 and 5, a subset of 31 of these respondents also provided comments in response to question 6. One additional respondent had not provided a response to questions 4 and 5, but did provide a comment in response to Question 6. Some responses to question 6 were extensions of thoughts or comments provided to questions 4 and 5. For this reason, Appendix E contains the responses to questions 4, 5 and 6 received, allowing for an easier review of responses in context from each survey respondent.

## Chapter 4: Observations

This chapter includes observations from and highlights some of the survey project results. As intended, the phone survey responses obtained during the survey contain some useful information and feedback regarding:

- who's doing what in Illinois counties with regard to electronics recycling;
- information regarding the county recycling coordinator in Illinois counties;
- general awareness regarding the current IEPA annual \$2,000 grant opportunity; and
- the types of barriers to proper recycling/reuse of electronics which may exist in Illinois counties, with input from local government recycling coordinators, registered electronic items collectors and recyclers.

### State List of County Recycling Coordinators

One initial observation of this survey project is that the state IEPA listing of County Recycling Coordinators was of limited usefulness to the project due to out-of-date or possibly inaccurate information on the listing for some counties. In placing phone survey calls, the project team, on occasion, received referrals to other persons believed to be serving as 'county recycling coordinator' for a county, or was informed that the person named on the list as 'county recycling coordinator' had left the position and had not been replaced. As reported in Chapter 3, eight persons contacted (11% of 'county recycling coordinator' survey respondents) indicated they were unaware of their designation as 'county recycling coordinator' and three survey respondents (4% of 'county recycling coordinator' survey respondents) indicated they knew of no person assigned or designated to fill role as 'county recycling coordinator' on behalf of the county.

The challenge of contacting county recycling coordinators using the available IEPA list of county recycling coordinators is problematic for anyone wishing to contact the coordinators and may be especially so for IEPA and/or DCEO staff who one would depend on the list of County Recycling Coordinators for contacting and sharing important timely and relevant state agency information.

### Where County Recycling Coordinators Are Employed

Survey responses provide a snapshot of the variety of employment situations that exist for a county recycling coordinator. Eleven percent of survey respondents indicated they are employed full time in this capacity at an independent government agency. These and others employed as full-time recycling specialist, recycling coordinator, solid waste coordinator or sustainability coordinator responded on behalf of the larger populated counties in the state. Thirty percent (30%) of survey respondents indicated they were employed at a county health department. More than half of survey respondents balance several other responsibilities in addition to their recycling coordination tasks for a county. One comment often provided from this group was about the lack of resources available for recycling efforts in their counties.

### Lack of Electronic Products Recycling/Reuse Options for Residents

Responses obtained regarding county recycling coordinator awareness of electronic products recycling options available to residents in their county (question 4 and 5) are of interest. Of the 69 respondents to this county recycling coordinator phone survey question, eight (12%) indicated their awareness of no options and seven (10%) indicated they were unsure of options available to residents. Figure 5 is especially informative with regard to where in Illinois these counties are situated.

### Lack of Awareness of IEPA Electronic Recycling Grant Opportunity

Thirty-eight of 69 survey respondents indicated they were aware of the IEPA Electronics Recycling Grant opportunity (question 7), with nine of the 38 respondents indicating they did not apply for the grant. The reasons provided for not applying (listed in Table 4) include ‘needing funding for operations and not expansion’ and ‘no time to fill out paperwork.’ The lack of awareness of the IEPA Electronic Recycling Grant opportunity may relate directly to the state’s inaccurate contact list of county recycling coordinators. A few respondents suggested that state funds should instead be used for a statewide, single branded messaging for education and outreach about electronic products recycling/reuse.

### Problems and Challenges Associated with Options for Residents to Recycle/Reuse Electronics

It was no surprise that, at present, the most often mentioned obstacles with regard to options for residents to recycle or reuse electronic products are those associated with collecting, storing, and processing cathode-ray-tube (CRT) televisions and monitors. As detailed in Appendix C, responses to question 5 of the County Recycling Coordinator Survey included the following concerns:

- lack of available options to recycle cathode-ray-tube (CRT) television and CRT monitors;
- lack of options available to residents to recycle televisions;
- general lack of residents’ awareness regarding the Illinois landfill ban on certain electronics and the available options to residents for electronics recycling;
- difficulty of residents living in densely populated areas to attend one-day collection events;
- difficulty of elderly who don’t drive to recycle electronics;
- difficulty of residents with no available means of transportation to recycle electronics;
- lack of available transportation to electronics collections events;
- scrap yards and salvage operations ‘cherry picking’ valuable components from electronics prior to recycling;
- insufficient hours of one-day electronics collection events;
- lack of a permanent electronics collection facility/option; and
- funding for electronics collections and funding promotion of options available to residents to recycle electronics.

## Collectors, Recyclers, and Refurbishers in Illinois

The project team obtained phone survey responses from 75 entities registered as a collector, recycler, and/or refurbisher with IEPA. More than half of respondents represented entities operating as a collector, recycler, and/or refurbisher in Illinois for a period of less than four years.

In Chapter 3, Table 10 summarizes survey responses obtained regarding types of barriers and obstacles encountered by IEPA-registered collectors, recyclers, and/or refurbishers. Table 11 summarizes suggestions received from survey respondents regarding types of improvements that could be made to help in their day-to-day operations as electronic products collector, recycler, and/or refurbisher. Survey respondents commonly mentioned problems included:

- inability to profitably manage CRT televisions and monitors;
- difficulty of partnering with manufacturer;
- receiving already-mined (cherry-picked) electronic products for recycling/reuse; and
- over-reporting or double-reporting of weights.

Seventy-three registered collectors, recyclers, and/or refurbishers responded to survey questions 4, 5, and 6, with some expressing frustration, and others providing suggestions; each comment was interesting and provided insights from the field. The survey respondent comments and responses to questions 4, 5 and 6 are included in Appendix E.



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Appendix A

County Recycling Coordinators List

<p><b><u>ADAMS COUNTY</u></b>  Adams County Health Department  Leo Mueller  Solid Waste Coordinator  333 North Sixth Street  Quincy IL 62301-2701  <a href="mailto:lmuel@co.adams.il.us">lmuel@co.adams.il.us</a>  Phone: 217/222-8440  Fax: 217/222-8508</p>	<p><b><u>BUREAU COUNTY</u></b>  Bureau County  Kristine Donarski, Secretary  Waste Management Committee  Room B-5  Courthouse  700 South Main Street  Princeton IL 61356-2037  <a href="mailto:bcesda1@yahoo.com">bcesda1@yahoo.com</a>  Phone: 815/875-2077  Fax: 815/875-1631</p>
<p><b><u>ALEXANDER COUNTY</u></b>  Southern Five Regional Planning Commission  Crystal Davenport  Regional Planner  219 Rustic Campus Drive  Ullin IL 62992-2227  <a href="mailto:cdaven@southernfive.org">cdaven@southernfive.org</a>  Phone: 618/634-2284  Fax: 618/634-2287</p>	<p><b><u>CALHOUN COUNTY</u></b>  Calhoun County Board  Joe Swan, Jr., President  Calhoun County Clerk's Office  P.O. Box 187  Hardin, IL 62047  <a href="mailto:calhouncock@frontiernet.net">calhouncock@frontiernet.net</a>  Phone: 618-576-2351</p>
<p><b><u>BOND COUNTY</u></b>  Bond County Health Department  Tom Melvin  Director  503 South Prairie Street  Greenville IL 62246-1897  <a href="mailto:bchd@bchd.us">bchd@bchd.us</a>  Phone: 618/664-1442 x149  Fax: 618/664-1744</p>	<p><b><u>CARROLL COUNTY</u></b>  Jo Daviess/Carroll County Solid Waste Agency  Paul Hartman  Board Chairman  Post Office Box 232  Savanna IL 61074  <a href="mailto:phartman@mchsi.com">phartman@mchsi.com</a>  Phone: 815/273-7594  Fax: 815/273-7594</p>
<p><b><u>BOONE COUNTY</u></b>  Boone County Government  Kenneth Terrinoni  County Administrator  Suite 201  601 North Main Street  Belvidere IL 61008-2600  <a href="mailto:btobin@boonecountyil.org">btobin@boonecountyil.org</a>  Phone: 815/547-4770  Fax: 815/547-3579</p>	<p><b><u>CASS COUNTY</u></b>  West Central Development Council  Mike Cavahaugh  Executive Director  116 South Plum  Carlinville IL 62626-1737  <a href="mailto:Mjcav50@hotmail.com">Mjcav50@hotmail.com</a>  Phone: 217/854-9642 or 854-9644</p>
<p><b><u>BROWN COUNTY</u></b>  David Ferrill  County Board Chairman  200 Court Street  Mount Sterling IL 62353  Phone: 217/773-2513</p>	<p><b><u>CHAMPAIGN COUNTY</u></b>  Champaign County  Susan Monte  Champaign County Regional Planning Commission  Brookens Administrative Center  1776 East Washington  Urbana IL 61802-7692  <a href="mailto:smonte@ccrpc.org">smonte@ccrpc.org</a>  Phone: 217/328-3313  Fax: 217/328-2426</p>

<p><b><u>CHRISTIAN COUNTY</u></b>  Christian County Solid Waste Management  Department  Joe Stepping  Department Head  214 West Market Street  Taylorville IL 62568-2233  <a href="mailto:jstepping@ctitech.com">jstepping@ctitech.com</a>  Phone: 217/287-2334  Fax: 217/287-7755</p>	<p><b><u>COOK COUNTY</u></b>  West Cook County Solid Waste Agency  Jim Caporusso  Recycling Coordinator  2000 Fifth Ave., Bldg. J  River Grove, IL 60171  <a href="mailto:wccswa@westcook.org">wccswa@westcook.org</a>  Phone: 708/453-9100  Fax: 708/453-9101</p>
<p><b><u>CLARK COUNTY</u></b>  Clark County Health Department  Cathy Hayden  Administrator  997 North York Road  Post Office Box 266  Martinsville IL 62442-0266  <a href="mailto:chayden@clarkcountyhealthdept.org">chayden@clarkcountyhealthdept.org</a>  Phone: 217/382-4207  Fax: 217/382-4226</p>	<p><b><u>COOK COUNTY</u></b>  South Suburban Mayors and Managers  Association  Sheila Miller  Recycling Coordinator  1904 West 174<sup>th</sup> Street  East Hazel Crest IL 60429-1442  <a href="mailto:Sheila.Miller@ssmma.org">Sheila.Miller@ssmma.org</a>  Phone: 708/922-4679  Fax: 708/206-1133</p>
<p><b><u>CLAY COUNTY</u></b>  Clay County Health Department  Amber Wille  Director of Environmental Health  601 East 12<sup>th</sup> Street  Flora IL 62839-2335  <a href="mailto:awille@healthdept.org">awille@healthdept.org</a>  Phone: 618/662-4406  Fax: 618/662-2801</p>	<p><b><u>COOK COUNTY</u></b>  Chicago Department of Streets and Sanitation  Chris Sauve  Director of Recycling Services  Room 704  121 North LaSalle  Chicago IL 60602-1202  <a href="mailto:csauve@cityofchicago.org">csauve@cityofchicago.org</a>  Phone: 312/744-4616  Fax: 312/744-7915</p>
<p><b><u>CLINTON COUNTY</u></b>  Clinton County Health Department  Mike McMillan  Solid Waste Coordinator  930A Fairfax Street  Carlyle IL 62231-1812  <a href="mailto:health@clintonco.illinois.gov">health@clintonco.illinois.gov</a>  Phone: 618/594-2723  Fax: 618/594-5474</p>	<p><b><u>COOK COUNTY</u></b>  Solid Waste Agency of Northern Cook County  Mary Allen  Executive Director  Suite 110  2700 Patriot Boulevard  Glenview IL 60026-8021  <a href="mailto:mary@swancc.org">mary@swancc.org</a>  Phone: 847/724-9205 x204  Fax: 847/724-9605</p>
<p><b><u>COLES COUNTY</u></b>  Coles County Regional Planning  Development Commission  Jeffrey Lahr  Solid Waste Coordinator/Planner  Room 309  651 Jackson  Charleston IL 61920-2094  <a href="mailto:jlahr@co.coles.il.us">jlahr@co.coles.il.us</a>  Phone: 217/348-0521  Fax: 217/348-7343</p>	<p><b><u>COOK COUNTY</u></b>  Cook County Department of  Environmental Control  Deborah Stone  Director of Sustainability  Suite 1900  69 West Washington  Chicago IL 60602-3004  <a href="mailto:Deborah.Stone@CookCountyil.gov">Deborah.Stone@CookCountyil.gov</a>  Phone: 312/603-8200  Fax: 312/603-9828</p>

<p><b><u>CRAWFORD COUNTY</u></b>  Ambraw Valley Solid Waste Management Agency  Bob Gher  Administrator  Post Office Box 62  Bridgeport IL 62417  <a href="mailto:AMVAL.Bob@gmail.com">AMVAL.Bob@gmail.com</a>  Phone: 618/945-7707  Fax: 618/945-7118</p>	<p><b><u>DUPAGE COUNTY</u></b>  DuPage County Department of  Economic Development and Planning  Joy Hinz  Environmental Specialist  421 North County Farm Road  Wheaton IL 60187-3978  <a href="mailto:joy.hinz@dupageco.org">joy.hinz@dupageco.org</a>  Phone: 630/407-6700  Fax: 630/407-6702</p>
<p><b><u>CUMBERLAND COUNTY</u></b>  Cumberland County Health Department  Brittany Holsapple  Administrator  Post Office Box 130  Toledo IL 62468-0130  Phone: 217/849-3211  Fax: 217/849-3121</p>	<p><b><u>EDGAR COUNTY</u></b>  Edgar County Health Department  Jerica Robinson  Director of Environmental Health  502 Shaw Avenue  Paris IL 61944-2352  <a href="mailto:JRobinson@ecphd.org">JRobinson@ecphd.org</a>  Phone: 217/465-2212 x228  Fax: 217/465-1121</p>
<p><b><u>DEKALB COUNTY</u></b>  DeKalb County Health Department  Christel Springmire  Solid Waste Coordinator  2550 North Annie Glidden Road  DeKalb IL 60115-1297  <a href="mailto:cspringmire@dekalbcounty.org">cspringmire@dekalbcounty.org</a>  Phone: 815/748-2408  Fax: 815/748-2485</p>	<p><b><u>EDWARDS COUNTY</u></b>  Edwards County Solid Waste Management  Becky Alka  Solid Waste Coordinator  Edwards County Courthouse, Second Floor  50 East Main  Albion IL 62806-1290  Phone: 618/445-2818</p>
<p><b><u>DEWITT COUNTY</u></b>  Dewitt County State's Attorney's Office  Andrew Killian  Assistant State's Attorney  Box 439  201 West Washington  Clinton IL 61727-0439  <a href="mailto:akillian@dewittcountyll.com">akillian@dewittcountyll.com</a>  Phone: 217/935-8391  Fax: 217/935-4596</p>	<p><b><u>EFFINGHAM COUNTY</u></b>  Effingham County Health Department  Donna Overbeck  Environmental Health Coordinator  Box 685  901 West Virginia Avenue  Effingham IL 62401-0685  <a href="mailto:donnao@effcohealth.org">donnao@effcohealth.org</a>  Phone: 217/342-9237  Fax: 217/342-9324</p>
<p><b><u>DOUGLAS COUNTY</u></b>  Douglas County Health Department  Lana Sanstrom  Administrator  1250 East U.S. Hwy 36  Tuscola IL 61953  <a href="mailto:lsanstrom@douglascountyhealth.org">lsanstrom@douglascountyhealth.org</a>  Phone: 217/253-4137  Fax: 217/253-3421</p>	<p><b><u>FAYETTE COUNTY</u></b>  Fayette County Health Department  Matthew Stroud  Environmental Health Coordinator  509 West Edwards  Vandalia IL 62471-0340  <a href="mailto:mstroud@fayettehealthdept.org">mstroud@fayettehealthdept.org</a>  Phone: 618/283-1044  Fax: 618/283-5038</p>

<p><b><u>FORD COUNTY</u></b>  Ford County Board  Randy Berger  Solid Waste Coordinator  200 W. State St. Rm 101  Paxton IL 60957  <a href="mailto:rpb672003@yahoo.com">rpb672003@yahoo.com</a>  Phone: 217/781-0053  Fax: 217/379-9799</p>	<p><b><u>GREENE COUNTY</u></b>  Greene County  David McGraw  Recycling Coordinator  439 East Clay Street  Roodhouse IL 62082-1308  <a href="mailto:siuc9396@yahoo.com">siuc9396@yahoo.com</a>  Phone: 217/589-4686</p>
<p><b><u>FRANKLIN COUNTY</u></b>  Franklin County  Keith Ward  Recycling Coordinator  Courthouse  Public Square  Post Office Box 607  Benton IL 62812-0607  <a href="mailto:kward@franklincountyil.org">kward@franklincountyil.org</a>  Phone: 618/439-4038  Fax: 618/625-5208</p>	<p><b><u>GRUNDY COUNTY</u></b>  Grundy County Environment and Resource  Conservation Office  Lisa Kneller  Room S-01  1320 Union Street  Morris IL 60450-2426  <a href="mailto:Lkneller@grundycyco.org">Lkneller@grundycyco.org</a>  Phone: 815/941-3365  Fax: 815/941-3432</p>
<p><b><u>FULTON COUNTY</u></b>  Fulton County Health Department  Katie Lynn, Director  Environmental Health  700 E. Oak St.  Canton, IL 61520  <a href="mailto:klynn@fultonco.org">klynn@fultonco.org</a>  Phone: 309/647-1134 x241  Fax: 309/647-9545</p>	<p><b><u>HAMILTON COUNTY</u></b>  Southeastern Illinois Regional Planning and  Development Council  Julie Patera  Executive Director  Post Office Box 606  230 West Poplar  Harrisburg IL 62946-0606  <a href="mailto:jpatera.sirpdc@clearwave.com">jpatera.sirpdc@clearwave.com</a>  Phone: 618/252-7463  Fax: 618/252-7464</p>
<p><b><u>GALLATIN COUNTY</u></b>  Egyptian Health Department  Danny January  Solid Waste Coordinator  1412 U.S. 45 North  Eldorado IL 62930  <a href="mailto:djanuary@egyptian.org">djanuary@egyptian.org</a>  Phone: 618/273-3326  Fax: 618/273-2808</p>	<p><b><u>HANCOCK COUNTY</u></b>  Hancock County  David Walker  County Board Chairman  430 N. 4th  Carthage IL 62321  <a href="mailto:DWalkerref@gmail.com">DWalkerref@gmail.com</a>  Phone: 309/224-6855</p>

<p><b><u>HARDIN COUNTY</u></b>  Southeast Illinois Regional Planning and Development Council  Julie Patera  Executive Director  Post Office Box 606  230 West Poplar  Harrisburg IL 62946-0606  <a href="mailto:JPatera.sirpdc@clearwave.com">JPatera.sirpdc@clearwave.com</a>  Phone: 618/252-7463  Fax: 618/252-7464</p>	<p><b><u>JASPER COUNTY</u></b>  Jasper County Highway Department  Richard Patterson  Solid Waste Coordinator  12871 East State Highway 33  Newton IL 62448-3668  <a href="mailto:jasperhwy@frontier.com">jasperhwy@frontier.com</a>  Phone: 618/783-2915  Fax: 618/783-3909</p>
<p><b><u>HENDERSON COUNTY</u></b>  Henderson County Solid Waste Planning Department  John Carrier  Solid Waste Manager  Post Office Box 308  Oquawka IL 61469-2780  <a href="mailto:ajmc@accessus.net">ajmc@accessus.net</a>  Phone: 309/867-2780  Fax: 309/867-2033</p>	<p><b><u>JEFFERSON COUNTY</u></b>  Jefferson County Health Department  Gary Ashby  Director of Environmental Health  Suite F  #1 Doctors Park Road  Mt. Vernon IL 62864-6291  <a href="mailto:gashby@jchdil.org">gashby@jchdil.org</a>  <a href="mailto:mstevens@jchdil.org">mstevens@jchdil.org</a> (Administrator)  Phone: 618/244-7134  Fax: 618/244-2640</p>
<p><b><u>HENRY COUNTY</u></b>  Henry County  Bill Philhower  Zoning/Building Administrator  Henry County Courthouse  307 West Center  Cambridge IL 61238-1232  <a href="mailto:smagerkurth@geneseo.net">smagerkurth@geneseo.net</a>  Phone: 309/937-3578  Fax: 309/937-3418</p>	<p><b><u>JERSEY COUNTY</u></b>  Jersey County  Mike Prough  Permit Administrator/Flood Plain Coordinator  200 North Lafayette  Jerseyville IL 62052-1680  <a href="mailto:mikeprough@jerseycounty-il.us">mikeprough@jerseycounty-il.us</a>  Phone: 618/498-5571. Ext. 146  Fax: 618/498-8735</p>
<p><b><u>IROQUOIS COUNTY</u></b>  Iroquois County Office of Solid Waste  Solid Waste Coordinator  1001 East Grant Street  Watseka IL 60970-1832  Phone: 815/683-2905  Fax: 815/432-6984</p>	<p><b><u>JODAVIESS COUNTY</u></b>  Jo Daviess/Carroll County  Maggie Friedenbach  Recycling Educator  Post Office Box 232  Savanna IL 61074  <a href="mailto:mfrieden@uiuc.edu">mfrieden@uiuc.edu</a>  Phone: 815/244-9444  Fax: 815/244-3836</p>
<p><b><u>JACKSON COUNTY</u></b>  Jackson County Health Department  Kerrie Gale  Recycling Coordinator  Post Office Box 307  Murphysboro IL 62966-0307  <a href="mailto:kerrig@jchdonline.org">kerrig@jchdonline.org</a>  Phone: 618/684-3143, Ext. 136  Fax: 618/684-6023</p>	<p><b><u>JOHNSON COUNTY</u></b>  Southern Five Regional Planning Commission  Crystal Davenport  Regional Planner  219 Rustic Campus Drive  Ullin IL 62992-2227  <a href="mailto:cdaven@southernfive.org">cdaven@southernfive.org</a>  Phone: 618/634-2284  Fax: 618/634-2287</p>

<p><b><u>KANE COUNTY</u></b>  Kane County Department of  Environmental Management  Jennifer Jarland  Recycling Coordinator  719 South Batavia Avenue  Geneva IL 60134-3077  <a href="mailto:recycle@co.kane.il.us">recycle@co.kane.il.us</a>  Phone: 630/208-3841  Fax: 630/208-5137</p>	<p><b><u>LAKE COUNTY</u></b>  Solid Waste Agency of Lake County  Pete Adrian  Recycling Coordinator  1311 North Estes Street  Gurnee IL 60031-2242  <a href="mailto:padrian@swalco.org">padrian@swalco.org</a>  Phone: 847/336-9340 x3  Fax: 847/336-9374</p>
<p><b><u>KANKAKEE COUNTY</u></b>  Kankakee County Planning Department  Mike Van Mill  Executive Director  Room 201  189 East Court Street  Kankakee IL 60901-3892  <a href="mailto:mvanmill@k3county.net">mvanmill@k3county.net</a>  Phone: 815/937-2940 x230  Fax: 815/937-2974</p>	<p><b><u>LASALLE COUNTY</u></b>  LaSalle County Environmental Services and  Land Use  Michael E. Harsted  Director  <a href="mailto:mharsted@lasallecounty.org">mharsted@lasallecounty.org</a>  Christy Vargochik  Landfill/Solid Waste Inspector  Room 406  119 West Madison Street  Ottawa IL 61350-5015  Phone: 815/434-8666  Fax: 815/433-9303</p>
<p><b><u>KENDALL COUNTY</u></b>  Kendall County  Marlin Hartman  Solid Waste Coordinator  811 West John Street  Yorkville IL 60560-9249  <a href="mailto:hartmarlin@aol.com">hartmarlin@aol.com</a>  Phone: 630/553-9100 x8068  Fax: 630/553-9603</p>	<p><b><u>LAWRENCE COUNTY</u></b>  Ambraw Valley Solid Waste Management Agency  Bob Gher  Administrator  Post Office Box 62  Bridgeport IL 62417  <a href="mailto:AMVAL.Bob@gmail.com">AMVAL.Bob@gmail.com</a>  Phone: 618/945-7707  Fax: 618/945-7118</p>
<p><b><u>KNOX COUNTY</u></b>  Knox County Landfill Department  Jerry Reynolds  Administrator  Box 407  Wataga IL 61488  <a href="mailto:jreyntra@yahoo.com">jreyntra@yahoo.com</a>  Phone: 309/375-6045  Fax: 309/375-6046</p>	<p><b><u>LEE COUNTY</u></b>  Lee County Highway  Dave Anderson  Solid Waste Coordinator  1629 Lee Center Road  Post Office Box 193  Amboy IL 61310-9705  <a href="mailto:leecoeng@comcast.net">leecoeng@comcast.net</a>  Phone: 815/857-4141  Fax: 815/857-4242</p>
<p><b><u>LAKE COUNTY</u></b>  Lake County Health Department and  Community Health Center  Michael Kuhn  Solid Waste Specialist  3010 Grand Avenue  Waukegan IL 60085-2321  <a href="mailto:mkuhn@co.lake.il.us">mkuhn@co.lake.il.us</a>  Phone: 847/377-8016  Fax: 847/249-4972</p>	<p><b><u>LIVINGSTON COUNTY</u></b>  Livingston County Solid Waste Coordinator  Chuck Shopp  110 W. Water  <a href="mailto:CSchopp@maxwire.net">CSchopp@maxwire.net</a>  Pontiac IL 61764-0080  Phone: 815/844-7741</p>

<p><b><u>LOGAN COUNTY</u></b>  Logan County Joint Solid Waste Agency  Mitzi Rohlf  Solid Waste Coordinator  Box 454  601 Broadway  <a href="mailto:info@co.logan.il.us">info@co.logan.il.us</a>  Lincoln IL 62656-0454  Phone: 217/732-9636  Fax: 217/732-6064</p>	<p><b><u>MACOUPIN COUNTY</u></b>  We Care  Richard Lounsbury  Recycling Coordinator  Post Office Box 675  Carlinville IL 62626-0675  <a href="mailto:dblouns@frontiernet.net">dblouns@frontiernet.net</a>  Phone: 217/854-3717</p>
<p><b><u>MCDONOUGH COUNTY</u></b>  Western Illinois Regional Council  Chad Braatz  Solid Waste Coordinator  223 South Randolph Street  Macomb IL 61455-2209  <a href="mailto:chad@wirpc.org">chad@wirpc.org</a>  Phone: 309/836-5926  Fax: 309/836-3640</p>	<p><b><u>MACOUPIN COUNTY</u></b>  West Central Development Council  Michael Sherer  Executive Director  116 South Plum  Carlinville IL 62626-1737  <a href="mailto:Michael.Sherer@west-central.org">Michael.Sherer@west-central.org</a>  Phone: 217/854-9642</p>
<p><b><u>MCHENRY COUNTY</u></b>  McHenry County Department of Planning  and Development  Cristy Hecke  Solid Waste Coordinator/Planner  2200 North Seminary Avenue  Woodstock IL 60098-4637  <a href="mailto:klhecke@co.mchenry.il.us">klhecke@co.mchenry.il.us</a>  Phone: 815/334-4585  Fax: 815/334-4637</p>	<p><b><u>MADISON COUNTY</u></b>  Madison County Planning and  Development Department  Leah Dettmers  Solid Waste Coordinator  157 North Main Street, Suite 254  Edwardsville IL 62025-1964  <a href="mailto:lddettmers@co.madison.il.us">lddettmers@co.madison.il.us</a>  Phone: 618/296-4666  Fax: 618/692-8982</p>
<p><b><u>MCLEAN COUNTY</u></b>  Ecology Action Center  Michael Brown  Executive Director  202 West College Ave.  Normal, IL 61761  <a href="mailto:mbrown@ecologyactioncenter.org">mbrown@ecologyactioncenter.org</a>  Phone: 309/454-3169  Fax: 309/454-7508</p>	<p><b><u>MARION COUNTY</u></b>  South Central Illinois Regional Planning and  Development Commission  Jonathon Hallberg  Executive Director  120 Delmar, Suite A  Salem IL 62881-2000  <a href="mailto:JHallberg@scirpdc.com">JHallberg@scirpdc.com</a>  Phone: 618/548-4234 Ext. 101  Fax: 618/548-4236</p>
<p><b><u>MACON COUNTY</u></b>  Macon County Environmental Department  Debra Garrett  Director  Room 212  141 South Main, Room 408  Decatur IL 62523-1236  <a href="mailto:DGarrett@co.macon.il.us">DGarrett@co.macon.il.us</a>  Phone: 217/425-4505  Fax: 217/424-1459</p>	<p><b><u>MARSHALL COUNTY</u></b>  Marshall County Highway Dept.  552 State Route 26  PO Box 242  Lacon, IL 61540  <a href="mailto:mchighway@live.com">mchighway@live.com</a>  Phone: 309/246-6401  Fax: 309/246-3446</p>



<p><b><u>MASON COUNTY</u></b>  James C. Griffin  County Board Chairman  Suite 100  PO Box 77  Havana IL 62644  <a href="mailto:c14.esselman@trrcopo.org">c14.esselman@trrcopo.org</a>  Phone: 309/543-6661</p>	<p><b><u>MONROE COUNTY</u></b>  Monroe-Randolph Bi-County Health Department  John Wagner  Director of Environmental Health  Suite A  901 Illinois Avenue  Waterloo IL 62298-1140  <a href="mailto:jwagner@monroecountyhealth.org">jwagner@monroecountyhealth.org</a>  Phone: 618/939-3871 x13  Fax: 618/939-4459</p>
<p><b><u>MASSAC COUNTY</u></b>  Southern Five Regional Planning Commission  Crystal Davenport  Regional Planner  219 Rustic Campus Drive  Ullin IL 62992-2227  <a href="mailto:cdaven@southernfive.org">cdaven@southernfive.org</a>  Phone: 618/634-2284  Fax: 618/634-2287</p>	<p><b><u>MONTGOMERY COUNTY</u></b>  Montgomery County Solid Waste  Chris Daniels  Coordinator  Post Office Box 122  Hillsboro IL 62049-0122  <a href="mailto:chrisdanielz@hotmail.com">chrisdanielz@hotmail.com</a>  Phone: 217/532-9577  Fax: 217/532-9585</p>
<p><b><u>MENARD COUNTY</u></b>  Menard County Health Department  Dean Heyen  Environmental Health Coordinator  937 North 5th Street  Petersburg IL 62675-1124  <a href="mailto:dheyen@menardchd.org">dheyen@menardchd.org</a>  Phone: 217/632-3196  Fax: 217/632-3675</p>	<p><b><u>MORGAN COUNTY</u></b>  County Board  300 W. State St.  Jacksonville, IL 62650  <a href="http://www.Morgancounty-il.com">www.Morgancounty-il.com</a>  Phone: 217/245-4619</p>
<p><b><u>MENARD COUNTY</u></b>  Menard County  Steve Duncan  County Coordinator  102 S. 7th Street  Petersburg IL 62675-0464  <a href="mailto:sduncan@co.menard.il.us">sduncan@co.menard.il.us</a>  Phone: 217/632-5123  Fax: 217/632-3978</p>	<p><b><u>MOULTIRE COUNTY</u></b>  Moultrie County Health Department  Angie Hogan  Administrator  2 West Adams  Sullivan IL 61951-1943  <a href="mailto:angela@moultriehealth.org">angela@moultriehealth.org</a>  Phone: 217/728-4114  Fax: 217/728-2650</p>
<p><b><u>MERCER COUNTY</u></b>  Western Illinois Regional Council  Chad Braatz  Solid Waste Coordinator  223 South Randolph Street  Macomb IL 61455-2209  <a href="mailto:chad@wirpc.org">chad@wirpc.org</a>  Phone: 309/836-5926  Fax: 309/836-3640</p>	<p><b><u>OGLE COUNTY</u></b>  Ogle County Solid Waste  Management Department  Joy Bliton, Environmental Engineer  Solid Waste Management Specialist  <a href="mailto:jbliton@oglecounty.org">jbliton@oglecounty.org</a>  Steve Rypkema  Director  <a href="mailto:srypkema@oglecounty.org">srypkema@oglecounty.org</a>  909 West Pines Road  Oregon IL 61061-9067  Phone: 815/732-4020  Fax: 815/732-3709</p>

<p><b><u>PEORIA COUNTY</u></b>  Peoria County Solid Waste Management Depart.  Annie Lindekugel, Recycling Educator  <a href="mailto:alindekugel@co.peoria.il.us">alindekugel@co.peoria.il.us</a>  Phone: 309/495-4932  Karen Raithel, Director  Recycling and Resource Conservation  <a href="mailto:kraithel@peoriacounty.org">kraithel@peoriacounty.org</a>  Phone: 309/672-6932  324 Main Street, Room 502  Peoria IL 61602-1319  Fax: 309/672-6054</p>	<p><b><u>PULASKI COUNTY</u></b>  Southern Five Regional Planning Commission  Crystal Davenport  Regional Planner  219 Rustic Campus Drive  Ullin IL 62992-2227  <a href="mailto:cdaven@southernfive.org">cdaven@southernfive.org</a>  Phone: 618/634-2284  Fax: 618/634-2287</p>
<p><b><u>PERRY COUNTY</u></b>  Perry County Solid Waste  Management Department  Jon Gregory  Acting Director of Environmental Health  Perry County Government Building  3764 State Route 13/127  Pinckneyville IL 62274-3323  <a href="mailto:jon_grgry@yahoo.com">jon_grgry@yahoo.com</a>  Phone: 618/357-3267  Fax: 618/357-3194</p>	<p><b><u>PUTNAM COUNTY</u></b>  North Central IL Council of Governments  Shug Grosenbach, Office Manager  613 West Marquette St.  Ottawa, IL 61350  <a href="mailto:sgrosenbach@ncicg.org">sgrosenbach@ncicg.org</a>  Phone: 815/433-5830  Fax: 815/433-5832</p>
<p><b><u>PIATT COUNTY</u></b>  Randy Keith  Solid Waste Coordinator  2084 Shady Rest Rd.  Monticello, IL 61856  <a href="mailto:Randykeith.0852@yahoo.com">Randykeith.0852@yahoo.com</a>  Phone: 217/762-2228  Fax: 217/762-7563</p>	<p><b><u>RANDOLPH COUNTY</u></b>  Randolph County  Mike Springston  Recycling Coordinator  6 Gaslight Drive  Sparta IL 62286-1129  <a href="mailto:leftypen@egyptian.net">leftypen@egyptian.net</a>  Phone: 618/443-4127  Fax: 618/443-2780</p>
<p><b><u>PIKE COUNTY</u></b>  Two Rivers Resource Conservation and  Development  Brenda Middendorf, Executive Director  P.O. Box 87  Pittsfield, IL 62363  <a href="mailto:bmiddendorf@2riversrcd.org">bmiddendorf@2riversrcd.org</a>  <a href="http://www.accessil@casscomm.com">www.accessil@casscomm.com</a>  Phone: 217-285-2464  Fax: 217-285-2464</p>	<p><b><u>RICHLAND COUNTY</u></b>  Ambraw Valley Solid Waste Management Agency  Bob Gher  Administrator  Post Office Box 62  Bridgeport IL 62417  <a href="mailto:AMVAL.Bob@gmail.com">AMVAL.Bob@gmail.com</a>  Phone: 618/945-7707  Fax: 618/945-7118</p>

<p><b><u>POPE COUNTY</u></b>  Southeast Illinois Regional Planning and Development Council  Julia Patera Executive Director  Post Office Box 606  230 West Poplar  Harrisburg IL 62946-0606  <a href="mailto:sirpdc@clearwave.com">sirpdc@clearwave.com</a>  Phone: 618/252-7463  Fax: 618/252-7464</p>	<p><b><u>ROCK ISLAND COUNTY</u></b>  Rock Island County Waste Management Agency  Mike Boesen  Staff Coordinator  1504 3<sup>rd</sup> Avenue  Rock Island IL 61201-8612  <a href="mailto:info@ricwma.org">info@ricwma.org</a>  Phone: 309/788-8925  Fax: 309/793-6305</p>
<p><b><u>SALINE COUNTY</u></b>  Egyptian Health Department  Danny January  Solid Waste Coordinator  1412 U.S. 45 North  Eldorado IL 62930  <a href="mailto:djanuary@egyptian.org">djanuary@egyptian.org</a>  Phone: 618/273-3326  Fax: 618/273-2808</p>	<p><b><u>ST. CLAIR COUNTY</u></b>  St. Clair County Health Department  Barbara Hohlt  Director of Health Protection  19 Public Square, Suite 150  Belleville IL 62220-1624  <a href="mailto:Barb.Hohlt@co.st-clair.il.us">Barb.Hohlt@co.st-clair.il.us</a>  Phone: 618/233-7769  Fax: 618/236-0676</p>
<p><b><u>SANGAMON COUNTY</u></b>  Sangamon County Department of Public Health  Gail O'Neal  Recycling Coordinator  2833 South Grand Avenue East  Springfield, Illinois 62703  <a href="mailto:GailO@co.sangamon.il.us">GailO@co.sangamon.il.us</a>  Phone: (217) 535-3100 Ext 3701  Fax: (217) 535-3104</p>	<p><b><u>STARK COUNTY</u></b>  Stark County Board  Mike Bigger  County Board Chairman  Box 80  Wyoming IL 61491-0080  <a href="mailto:m.bigger@mchsi.com">m.bigger@mchsi.com</a> or <a href="mailto:mike@mikebigger.com">mike@mikebigger.com</a>  Phone: 309/695-6266  Fax: 309/625-2139</p>
<p><b><u>SCHUYLER COUNTY</u></b>  Max McClelland  County Board Chairman  102 S. Congress  Rushville IL 62681  Quincy IL 62301-3026  Phone: 217/322-4734</p>	<p><b><u>STEPHENSON COUNTY</u></b>  Stephenson County Solid Waste  John Blum  Stephenson County Board Chairman  15 North Galena Avenue  Freeport IL 61032-4348  <a href="mailto:jblum@co.stephenson.il.us">jblum@co.stephenson.il.us</a>  Phone: 815/235-8389  Fax: 815/297-0601</p>
<p><b><u>SCOTT COUNTY</u></b>  Craig Lashmett  County Board Chairman  35 E. Market  Winchester IL 62694  <a href="http://www.ricwma.org">www.ricwma.org</a>  Phone: 217/742-5532</p>	<p><b><u>TAZEWELL COUNTY</u></b>  Tazewell County Health Department  Ray Corey  Director, Community Environmental Health  21306 IL Route 9  Tremont IL 61568  <a href="mailto:rcorey@tchd.net">rcorey@tchd.net</a>  Phone: 309/925-5511 x226  Fax: 309/925-4100</p>

<p><b><u>SHELBY COUNTY</u></b>  Coles County Regional Planning  Development Commission  Jeffrey Lahr  Solid Waste Coordinator/Planner  Room 309  651 Jackson  Charleston IL 61920-2094  <a href="mailto:jlahr@co.coles.il.us">jlahr@co.coles.il.us</a>  Phone: 217/348-0521  Fax: 217/348-7343</p>	<p><b><u>UNION COUNTY</u></b>  Southern Five Regional Planning Commission  Crystal Davenport  Regional Planner  219 Rustic Campus Drive  Ullin IL 62992-2227  <a href="mailto:cdaven@southernfive.org">cdaven@southernfive.org</a>  Phone: 618/634-2284  Fax: 618/634-2287</p>
<p><b><u>VERMILION COUNTY</u></b>  Vermilion County Health Department  Doug Toole  Director of Environmental Health  Suite A  200 South College Street  Danville IL 61832-6744  <a href="mailto:DToole@vchd.org">DToole@vchd.org</a>  Phone: 217/431-2662  Fax: 217/431-7483</p>	<p><b><u>WHITE COUNTY</u></b>  Egyptian Health Department  Danny January  Solid Waste Coordinator  1412 U.S. 45 North  Eldorado IL 62930  <a href="mailto:djanuary@egyptian.org">djanuary@egyptian.org</a>  Phone: 618/273-3326  Fax: 618/273-2808</p>
<p><b><u>WABASH COUNTY</u></b>  Wabash County Health Department  Marina Sample  Solid Waste Coordinator  130 West 7<sup>th</sup>  Mt. Carmel IL 62863-1439  <a href="mailto:MSample@wabashhealth.org">MSample@wabashhealth.org</a>  Phone: 618/263-3873  Fax: 618/262-4215</p>	<p><b><u>WHITESIDE COUNTY</u></b>  Whiteside County Public Works Department  Russell Renner  County Engineer  18819 Lincoln Road  Morrison IL 61270-9587  <a href="mailto:Rrenner@whiteside.org">Rrenner@whiteside.org</a>  Phone: 815/772-7651 x104  Fax: 815/772-4870</p>
<p><b><u>WARREN COUNTY</u></b>  Western Illinois Regional Council  Chad Braatz  Solid Waste Coordinator  223 South Randolph Street  Macomb IL 61455-2209  <a href="mailto:chad@wirpc.org">chad@wirpc.org</a>  Phone: 309/836-5926  Fax: 309/836-3640</p>	<p><b><u>WILL COUNTY</u></b>  Will County Land Use Department  Marta Keane  Recycling Program Specialist  Suite 500  58 East Clinton  Joliet IL 60432-4143  <a href="mailto:mkeane@willcountylanduse.com">mkeane@willcountylanduse.com</a>  Phone: 815/774-4343  Fax: 815/722-3410</p>
<p><b><u>WASHINGTON COUNTY</u></b>  Washington County Health Department  Jamie L. Jones  Director of Environmental Health  177 South Washington Street  Nashville IL 62263-1430  <a href="mailto:jamie-l-jones@hotmail.com">jamie-l-jones@hotmail.com</a>  Phone: 618/327-3644  Fax: 618/327-4229</p>	<p><b><u>WILLIAMSON COUNTY</u></b>  Greater Egypt Regional Planning and Development  Commission  Cary Minnis  Executive Director  Post Office Box 3160  Carbondale IL 62902-3160  <a href="mailto:caryminnis@greateregypt.org">caryminnis@greateregypt.org</a>  <a href="mailto:wcecondev@yahoo.com">wcecondev@yahoo.com</a>  Phone: 618/549-3306  Fax: 618/549-3309</p>

<p><b><u>WAYNE COUNTY</u></b>  Wayne County Health Department  Clark Griffith  Solid Waste Coordinator  Post Office Box 645  405 North Basin Road  Fairfield IL 62837-0645  <a href="mailto:cdgriffith@frontier.com">cdgriffith@frontier.com</a>  Phone: 618/842-5166  Fax: 618/842-3305</p>	<p><b><u>WINNEBAGO COUNTY</u></b>  Winnebago County  Steve Chapman  County Administrator  Room 504  404 Elm Street  Rockford IL 61101-1239  <a href="mailto:schapman@co.winnebago.il.us">schapman@co.winnebago.il.us</a>  Phone: 815/319-4231  Fax: 815/319-4226</p>
<p><b><u>WOODFORD COUNTY</u></b>  Association for the Developmentally Disabled of  Woodford County  Keith McArdle  Woodford County Recycling Coordinator  200 Moody Street  Eureka IL 61530-1705  <a href="mailto:addwc@mtco.com">addwc@mtco.com</a>  Phone: 309/467-3015  Fax: 309/467-5206</p>	

## Appendix B

IEPA-Registered Collectors, Recyclers, Refurbishers



## Electronic Waste

## Registered Collectors, Recyclers and Refurbishers of Electronic Waste

Company Name	Collector	Recycler	Refurbisher	Address	City	State	Zip Code	Phone
3R Network, Inc.	Collector			14225 Telephone Avenue	Chino	CA	91710	909-529-7154
3S International, LLC	Collector	Recycler		8450 West 185th Street	Tinley Park	IL	60477	813-546-6044
5R Processors, Ltd.	Collector	Recycler	Refurbisher	600 Gates Avenue West	Ladysmith	WI	54848	715-532-2077
Adelman's Resource Solutions	Collector			3051 E. 106th Street	Chicago	IL	60617	773-734-0570
Adonis Electronics Recycling LLC	Collector	Recycler	Refurbisher	108 Walnut Street	Festus	MO	63028	314-596-8910
AE Computers, Ltd.	Collector			6221 W. Roosevelt Road	Berwyn	IL	60402	708-775-7500
AER Worldwide		Recycler		42744 Boscell Road	Fremont	CA	94538-5132	510-933-0518
American Recycling & Disposal Inc.	Collector			2100 W. Madison Street	Maywood	IL	60153	630-506-9977
American TV & Appliance of Madison, Inc.	Collector			2404 W. Beltline Highway	Madison	WI	53713	262-548-8312
AnythingIT Inc.	Collector	Recycler	-	17-09 Zink Place	Fair Lawn	NJ	07410	201-475-7301
Apollo Disposal Services Transfer Station (Republic Services)	Collector			120 East Industrial Drive	Momence	IL	60954	708-272-6781
ARCOA (Asset Recycling Company of America)	Collector	Recycler		345 Lakewood Avenue	Waukegan	IL	60085	847-249-7011
AREA Disposal Grimm Brothers Trucking	Collector			1090 W. Jefferson Street	Morton	IL	61550	309-263-2390
Arrow GAD		Recycler		7459 South Lima Street	Englewood	CO	80112	860-502-1655
Association for Individual Development	Collector			309 West New Indian Trail Court	Aurora	IL	60506	847-931-6237
AVA Electronics Computer Recycling	Collector			109 Turner Court	West Chicago	IL	60185	847-397-2900
B&K Technology Solutions dba Advanced Technology Recycling	Collector	Recycler	Refurbisher	601 E. Prairie Street	Pontiac	IL	61764	815-844-7779

Behr Iron and Metals	Collector			1100 Seminary St.	Rockford	IL	61105	815-987-2680
Belmont Trading Company	Collector			3160 MacArthur Blvd	Northbrook	IL	60062	847-412-9690
Best Buy	Collector			7601 Penn Avenue South	Richfield	MN	55423	888-237-8289
Bigham's Electronic Recycling & More	Collector	Recycler		907 E. Lafayette Street	Rushville	IL	62681	309-221-6292
BLH Computers	Collector		Refurbisher	1832 Stevenson Dr.	Springfield	IL	62703	217-585-1580
Bryant Industries, Inc.	Collector			1404 Warrington Avenue	Danville	IL	61832	217-431-0551
C&I Electronics	Collector	Recycler	Refurbisher	1700 North Lafayette Avenue	Evansville	IN	47711-4595	812-453-7570
CE Exchange			Refurbisher	2727 Realty Road	Carrollton	TX	75006	971-695-2068
Centralia Recycling Center	Collector			1758 West McCord Street	Centralia	IL	62801	618-532-3138
City of Chicago	Collector			1150 North North Branch	Chicago	IL	60642	312-745-3133
City of Rochelle	Collector			888 Treatment Plan	Rochelle	IL	61068	815-561-2065
CJD E-Recycling	Collector	Recycler	Refurbisher	2400 Fosterburg Road	Brighton	IL	62012	618-433-9200
CloudBlue Technologies, Inc.	Collector	Recycler	Refurbisher	3140 Northwoods Parkway	Norcross	GA	30071	623-207-5304
Com2 Computer and Technologies	Collector	Recycler	Refurbisher	140 E. Fullerton Avenue	Carol Stream	IL	60188	630-653-2662
Complete Sanitation Waste & Recycling LLC	Collector			710 E. South Street	Plano	IL	60545	630-552-9640
Component Level Recycling		Recycler		1401 Mississippi Avenue	Sauget	IL	62201	618.719.1849
Compunet Inc.	Collector			1904 State Street	Alton	IL	62002	618-463-9820
Computer Banc	Collector	-	Refurbisher	1023 E. Washington Street	Springfield	IL	62703	217-528-9506
Computer Component Buyer's Co-op		Recycler		2173 Glenwood Lansing Road	Chicago Heights	IL	60411	708-825-4218
Computer Recycling Center, LLC	Collector	Recycler		7510 Virginia Rd.	Crystal Lake	IL	60014	815-455-6300
Creative Recycling Systems of Illinois, LLC	Collector	Recycler	Refurbisher	8108 Krauss Blvd	Tampa	FL	33619	813-621-2319
Degonia and Sons	Collector			1601 Vermont	Quincy	IL	62301	217-316-1614



				Street				
Devine Owens Electronic Recycling	Collector	Recycler	Refurbisher	19224 S. Schoolhouse Road	Mokena	IL	60448	708-479-8108
Didion Orf Recycling, Inc.	Collector	Recycler	Refurbisher	206 Didion Drive	St. Peters	MO	63376	636-397-6060
Directv Home Services, LLC	Collector			6501 East Belleview Avenue	Englewood	CO	80111	949-235-8522
DP Electronic Recycling, Inc.	Collector	Recycler	Refurbisher	540 East Centralia Street	Elkhorn	WI	53121	262-723-2550
Dynamic Recycling, Inc.	Collector	Recycler	Refurbisher	2135 Enterprise Avenue	LaCrosse	WI	54603	608-781-4030
Eagle Recycling Services	Collector			26099 Wiedle Road	Shattuc	IL	62231	618-226-3478
Echelon Computers Inc.			Refurbisher	7510 Virginia Road	Crystal Lake	IL	60014	815-455-6200
Electronics Recyclers International, Inc.	Collector	Recycler	Refurbisher	7815 N. Palm Avenue #140	Fresno	CA	93711	202-380-5636
Electronics Recycling Services, Inc.	Collector	Recycler		2450 Lawrence Avenue East	Scarborough	ON	M1P-2R7	847-537-4000
Elgin Recycling Inc.	Collector	Recycler		46 East End Drive	Gilberts	IL	60136	847-741-4100
ERC of Chicago LLC	Collector	Recycler		23451 South Youngs Road	Channahon	IL		708-937-3688
Evansville Goodwill Industries, Inc.	Collector			500 S. Green River Road	Evansville	IN	47715	812-474-2222
EverLights Inc.	Collector			8027 Lawndale	Skokie	IL	60076	773-734-9873
eWorks ESI Midwest	Collector	Recycler	Refurbisher	1221 Mark Street	Elk Grove Village	IL	60007	847-997-5191
Fluorecycle, Inc.	Collector			27780 West Concrete Drive	Ingleside	IL	60041	815-363-4411
Genesis Electronic Recycling	Collector			151 Hastings Drive	Buffalo Grove	IL	60089	888-788-4363
Global Electronic Recycling LLC		Recycler		1815 East Deer Valley Road	Phoenix	AZ	85024	623-243-6003
Global Environmental Services, LLC		Recycler		15877 Long Vista Drive	Austin	TX	78728	512-582-8210
Goodwill Industries of Central Illinois	Collector			2319 E. War Memorial Drive	Peoria	IL	61614	309-694-9060
Goodwill Industries of Michiana, Inc.	Collector			1805 Western Avenue	South Bend	IN	46619	574-472-7358
Goodwill Industries of Northern Illinois	Collector			615 N. Longwood Street	Rockford	IL	61107	815-987-6219
Goodwill Industries SEW/Metropolitan Chicago	Collector			6055 N. 91st Street	Milwaukee	WI	53225	262-551-2843
Goodwill of the Heartland	Collector			1410 South First Avenue	Iowa City	IA	52240	319-337-4158

Green Purpose, LLC	Collector			807 Pioneer Street	Champaign	IL	61820	217-954-1450
Greenpath Recycling (Pathway Services Unlimited, Inc.	Collector	Recycler	Refurbisher	1903 West Morton Avenue	Jacksonville	IL	62650	217-479-2334
Greenstream International		Recycler	Refurbisher	8619 Wall Street	Austin	TX	78754	512-609-9545
Groot Industries, Inc.	Collector			2500 Landmeier Road	Elk Grove Village	IL	60007	773-242-1977
Habitat for Humanity - McLean County	Collector			103 West Jefferson Street	Bloomington	IL	61701	309-454-6047
Henson Disposal Inc.	Collector			2148 Tri Lakes Road	Bloomington	IL	61701	309-829-5021
Illinois Ewaste	Collector			PO Box 114	Tovey	IL	62570	217-823-3840
IMS Electronics Recycling		Recycler	Refurbisher	5235 Snapfinger Woods Drive	Decatur	GA	30035	770-776-4210
Integrated Recycling Solutions	Collector			1330 Davey Drive	Batavia	IL	60510	630-546-6098
Interco Trading Company		Recycler		10 Fox Industrial Dr.	Madison	IL	62060	618-798-9500
Intercon Solutions, Inc.	Collector	Recycler		1001 Washington Avenue	Chicago Heights	IL	60411	708-756-9838
J&C E-Recycling	Collector	Recycler	Refurbisher	621 Atlanta Drive	Belleville	IL	62220	618-233-5009
Jabil Global Services, LLC	Collector	Recycler	Refurbisher	10560 Dr. Martin Luther King Jr North	Saint Petersburg	FL		52 614 442 64 22
Jackson County Health Dept.	Collector			415 Health Department Road	Murphysboro	IL	62966	618-684-3143
Kane County	Collector			719 S. Batavia Ave.	Geneva	IL	60134	630-208-3841
KAS Recycling, Inc.	Collector	Recycler		649 W. Lincolnway	Morrison	IL	61270	815-772-3500
Kline Recycling and Asset Management	Collector	Recycler	Refurbisher	621 Brummel Street	Evanston	IL	60202	815-383-4689
Kreider Services (Secure Recycling Services)	Collector	Recycler	Refurbisher	629 Palmyra Av	Dixon	IL	61021	815-288-6691
Kuusakoski US LLC	Collector	Recycler		13543 South Highway 30	Plainfield	IL	60544	630-632-3532
Land of Lincoln Goodwill Industries, Inc.	Collector			1220 Outer Park Drive	Springfield	IL	62704	217-789-0400
Li Rising, LLC dba Re-Teck	Collector	Recycler	Refurbisher	905 Avenue T.	Grand Prairie	TX	75050	214-988-7316
M&M Recycling/International Depot Services		Recycler	Refurbisher	204 Morton St.	Peoria	IL	61603	309-495-0995
Mack's Twin City Recycling	Collector			2808 N. Lincoln Ave.	Urbana	IL	61802	217-328-2100
Materials Processing Corp.		Recycler		2300 Pilot Knob Road	Mendota Heights	MN	55120	651-681-7382

McHenry Township Road District	Collector			3703 Richmond Rd.	Johnsburg	IL	60051	815-385-3076
MERS/Missouri Goodwill Industries	Collector			1727 Locust Street	St. Louis	MO	63103	314-302-6515
Mervis Industries	Collector			3295 East Main	Danville	IL	61834	217-442-5300
Midwest Computer Processing	Collector			2158 South Ninth Street	Springfield	IL	62703	
Midwest Fiber	Collector	Recycler		422 South White Oak Road	Normal	IL	61761	309-533-9487
MRK Group, Ltd.	Collector	Recycler	Refurbisher	801 N. State St.	Elgin	IL	60123	847-468-1700
New Age Electronics Recycling, Inc.	Collector			3230 Sycamore Road	DeKalb	IL	60115	847-463-0606
New Life Electronics Recycling, Inc.	Collector	Recycler	Refurbisher	150 Kendall Point Drive	Oswego	IL	60543	630-608-6102
Novotec Recycling, LLC		Recycler		3960 Groves Road	Columbus	OH	43232	614-236-2222
Office Depot	Collector			6600 North Military Trail	Boca Raton	FL	33496	561-438-4079
Ogle County Solid Waste Management Department	Collector			909 W. Pines Road	Oregon	IL	61061	815-732-4020
Panasonic Corporation of North America	Collector			2 Riverfront Plaza	Newark	NJ	07102	847-637-4678
PC Rebuilders & Recyclers	Collector		Refurbisher	4734 West Chicago Avenue	Chicago	IL	60613	773-545-7575
Quincy Recycle	Collector			535 Main	Quincy	IL	62301	217-214-0192
Recycle-It Of Chicago	Collector	Recycler	Refurbisher	936 Moen Avenue	Rockdale	IL	60436	630-205-0177
Reverse Logistics Group Americas, Inc. (formerly AERCCR)	Collector			42840 Christry Street	Fremont	CA	94538	510-917-2191
River Valley Recycling, LLC	Collector	Recycler		288 W. South Tec Drive	Kankakee	IL	60901	708-243-1142
RNA Worldwide LLC	Collector	Recycler	Refurbisher	2960 Arnold Tenbrook Road	Arnold	MO	63010	618-234-4320
Round 2 Inc.		Recycler	Refurbisher	1340 Airport Commerce Drive	Austin	TX	78741	512-222-1209
RSR Partners LLC dba Regency Technologies	Collector	Recycler	Refurbisher	1831 E. Highland Road	Twinsburg	OH	44087	440-287-7432
Scott County, IA Electronics Demanufacturing Facility	Collector	Recycler		1048 E. 59th St.	Davenport	IA	52807	563-388-1443
Secure Processors, LLC	Collector	Recycler		#1 Commercial Drive	Flora	IL	62839	618-662-4916
Sims Metal Management	Collector			2500 S. Paulina	Chicago	IL	60608	773-254-1200

				Street				
Sims Recycling Solutions	Collector	Recycler	Refurbisher	1600 Harvester Lane	West Chicago	IL	60185	916-240-3668
Sipi Metals Corporation		Recycler		1720 N. Elston Ave.	Chicago	IL	60642	773-276-0070
Solid Waste Agency of Lake County	Collector			1311 N. Estes St.	Gurnee	IL	60031	847-336-9340
SouthSTAR Services dba EcoSafe Processors	Collector	Recycler		1005 West End Avenue	Chicago Heights	IL	60411	708-755-8030
Spectrum Ecycle Solutions Inc.	Collector			1521 Page Industrial Blvd	St. Louis	MO	63132	314-428-0777
St. Clair Associated Vocational Enterprises, Inc.	Collector			3001 Save Road	Belleville	IL	62221	618-234-1992
Staples, Inc.	Collector			500 Staples Drive	Framingham	MA	01776	508-253-9807
Stockpiled Electronics Recycling	Collector			400 Northwestern Avenue	Earlville	IL	60518	888-223-5577
Supply-Chain Services	Collector	Recycler	Refurbisher	250 W. North Ave.	Lombard	IL	60148	630-629-9344
T&T Iron & Metals Inc.	Collector	Recycler		5158 Barge Terminal Road	East Dubuque	IL	61025	563-542-6628
Technology Conservation Group, Inc.		Recycler		7925 National Turnpike	Louisville	KY	40214	352-249-6410
Total Metal Recycling	Collector	Recycler		2700 Missouri Ave.	Granite City	IL	62040	618-877-0585
TriCounty Regional Collection Facility	Collector			223 South Randolph St	Macomb	IL	61455	309-331-4782
Trinity Metals		Recycler		6400 English Avenue	Indianapolis	IN	46219	317-358-8265
UNITEC Recycling Corporation	Collector	Recycler	Refurbisher	245 West Roosevelt Road	West Chicago	IL	60185	630-290-1860
Universal Recycling Technologies, LLC	Collector	Recycler	Refurbisher	2535 Beloit Avenue	Janesville	WI	53546	608-314-8124
USMe LLC		Recycler		2500 West Fulton	Chicago	IL	60612	312-582-1884
Village of Addison	Collector			1 Friendship Plaza	Addison	IL	60101	630-279-2140
Village of Oak Lawn	Collector			9446 S. Raymond Avenue	Oak Lawn	IL	60453	708-499-7748
Vintage Tech Recyclers	Collector	Recycler	Refurbisher	1105 Windham Parkway	Romeoville	IL	60446	877-704-6508
Wabash Valley Goodwill Industries, Inc.	Collector			2702 South 3rd Street	Terre Haute	IN	47802	812-235-1827
WM Recycle America, LLC	Collector	Recycler		1001 Fannin Street	Houston	TX	77002-6711	303-656-5344
Zones, Inc.	Collector		Refurbisher	1102 15th Street SW	Auburn	WA	98001	630-227-4166

## Appendix C

### County Recycling Coordinator Survey Responses to Questions 4-6

# responses	County (n)		Q4.	Q5.	Q6a.	Q6b.
1	Adams (1)	mix	local retailers or non-profit accepts all e-waste items from residents during business hours; residential e-waste collection events are held twice a year. Residents have options available to recycle CRT tv's at e-waste recycling events as well as during business hours at best buy and other local recyling companies	No major problems thought of	Yes	Vintage Tech (Satisfied)
2	Alexander (2)	e-coll	generally, not much activity with regard to recycling of electronics in this region (Southern Five Regl Council). She is aware of the following: - in Massac Co, a solid waste hauler voluntarily also carries off e-waste with no fees charged. - for past 2 years, Cairo is Alexander Co held an e-waste collection. - Vienna in Johnson Co has held an e-waste collection.	lack of availability of e-waste recycling options in the area	no	n/a
3	Brown (3)	e-coll	Dot Foods holds 2-4 electronics recycling events a year although not sure where the electronics go from there. Entities outside the county include a Staples in Quincy and a certified recycler in Rushville.	Answered in previous question.	None	N/A
4	Bureau (4)	bins	e-cycling bins, monitored and secure, are available at the Public Works Facility. Used to hold bi-annual collection events, public began bring electronics to recycling facility at Public Works, so they decided to work with their Recycling contractor and accept electronics. Items are sorted and when there is a truckload, the contractor is contacted for pick up.	Decided not to fight the public and try to police violators and instead worked with the needs of the public by having the Public Works facility available. Had to make an appeal for people to gently place items in designated area so that they are not damaged. Everything in flowing well for the past 1 1/2 years.	yes	Vintage Tech
5	Calhoun (5)	none	Due to funding issues, the county has no electronics recycling available. Jennifer Russell with U of I Extension used to have a dumpster in Calhoun for residents to place their electronics, but that is no longer available. The residents (6,000 total) take their electronics to a scrap dealer (Randy Wisehop) in East Hardin, IL (Greene Co.).	The only challenge is funding. They are working on a very tight budget that barely keeps their Public Works viable.	No	N/A
6	Carroll (6)	e-coll	Residential e-waste collection events held 2 times a year, once in each county (Carroll County and Jo Davies County)	Exact date of collection may not be convenieint for residents, nmight have to wait another 6 months. Not having a permanant drop off site is the biggest challenge	Yes	Vintage Tech (satisfied)
7	Champaign (7)	mix	countywide residential electronics collections since 2007 with City of Urbana, City of Champaign, Village of Savoy, and w/Champaign County Probation & Court Services since 2010. List of options available to residents to recycle electronics is maintained and updated regularly.	much fewer options for collection of TVs noticed since 2013. Elderly or disabled persons frequently request assistance in recycling of certain larger items such as tvs.	Yes	2010-2012: Vintage Tech Recyclers 2013: Advanced Technology Recycling 2014: Com2Recycling
8	Christian (8)	lr/np	Local retailer accepts all e-waste items from residents during business hours	None, one of the easier things to take care of	Yes	BLH (Satisfied)
9	Clark (9)	none	There is no recycling in Marshall, the largest municipality in Clark County.	No	N/A	No
10	Clay (10)	lr/np	local retailer or non profit accepts all e-waste items from residents during business hours	no	no	N/A
11	Clinton (11)	e-coll	There is no county recycling program. Boy Scout troops regularly sponsor electronic waste collection events annually or have e-waste drop-off locations.			
12	Coles (12)	rc/s	Aware of only one electronics recycling company based in Charleston accepts all e-waste items from areawide residents during business hours daily. (Com2Recycling which bought out the e-waste facility operated previously by Lincoln Heritage RC&D.)	Need better marketing. Lack of marketing for electronics recycling options for residents. Gets lots of phone inquiries from residents regarding where to bring electronics for recycling.	No	N/A
13	Cook (13)	mix	local retailer or non-profit accepts all e-waste items from residents during business hours; All TVs accepted; residential e-waste collection event(s) held once a month and annually. Municipalities occasionally hold events.	One day events are difficult for people to get to, since suburbs of Chicago are so dense. Additional permanent locations are needed.	Haven't done public events, mostly left to municipalities, only for county	Vintage Tech
14	Cook (City of Chicago)	"	local retailer or non-profit accepts all e-waste items from residents during business hours; All TVs accepted	Only have one location, unless they leave the City to go to a private sector	Yes	SSI Supply Chain Services
15	Cook (SSMMA)	"	local retailer or non-profit accepts all e-waste items from residents during business hours; All TVs accepted (one will one wont); e-cycling bins, monitored and secure, are available at locations like Goodwill	People don't know where to take their electronics, getting better. People would just dump products but are getting better	No, just referral information for residents	N/A

16	Cook (SWANCC)	"	local retailer or non-profit accepts all e-waste items from residents during business hours; All TVs accepted; residential e-waste collection event(s) held (15-one day events); other can have home drop off for a fee, sometimes churches can come pick up electronics in the vehicle	concerns re those who cannot drive to a drop off	Yes	Supply Chain Services (Satisfied)
17	Cook (WCCSWA)	"	Proactive approach, worked with Vintage Tech to get an understanding of what the different counties needed; local retailer or non-profit accepts all e-waste items from residents during business hours; All TVs accepted; residential e-waste collection event(s) held one or more held annually, held weekly, held monthly			
	Crawford (14)	none	No options - see Lawrence Co.			
18	Cumberland (15)	e-coll	twice a year one-day e-waste collections by a recycling company	lack of awareness, communication and lack of resources/funding	no	N/A
19	DeKalb (16)	mix	local retailers or non-profit accepts all e-waste items from residents during business hours; all TVs accepted under 27"; residential e-waste collection events are held once a month	Televisions are difficult for residents to recycle. Contractor limits residents to 1 TV per collection per month	Yes	ERC Chicago
20	Douglas (17)	lr/np	Local retailer open from 7:30-4, open on Saturdays as well during warmer months. All electronics accepted	Not many issues, residents have the option to recycle in Vermillion County as well. NO one has to travel more than 20 miles to recycle electronics.	No, but have been approached by one	N/a
21	DuPage (18)	mix	local retailer or non-profit accepts all e-waste items from residents during business hours; All TVs accepted; residential e-waste collection event(s) held one or more held annually (8 events). Municipalities host the events.		Yes	Creative Recycling
22	Edgar (19)	mix	<ul style="list-style-type: none"> <li>Local retailer or non-profit accepts all e-waste items from residents during business hours</li> <li>One or more annual residential e-waste collection event(s)</li> </ul>	Many citizens of our county do not possess transportation to help them get to recycling drop-off locations. The county in general does not have the financial means to provide a full-time facility	Not to her knowledge	n/a
23	Edwards (20)	none	1 recycling event held by the Chamber of Commerce. That person has since left the state.		Yes	Creative Recycling
	Fulton (21)	co health	info flyer available online by Tri-County Resource & Waste Mgmt Council indicates Fulton Co Health Dept accepts electronics on Thursdays during business hours.			
24	Greene (22)	none	no options in the county unless a recycling event/truck comes to their county. Many people take their electronics to neighboring counties' (Maucopin) recycling events and electronics recyclers.	availability; most take theirs out of the county. Some make collective neighborhood efforts when other counties offer events.	no	N/A
25	Hamilton (23)	don't know	A little bit is done through Trade Industries, old computers are taken in. However, he is not sure of specifics.		Yes	Trade Industries (not primarily a recycling contractor, however they are the ones that take the electronics)
	Hancock (24)	co highway	info flyer available online by Tri-County Resource & Waste Mgmt Council indicates Hancock Co Highway Dept accepts electronics on Fridays during business hours.			
26	Hardin (25)	bins	don't know what recycling options are available to the residents of our county. I do know that we have a contract with a recycling company, and we have some big cardboard boxes available for residents to drop off their recycle items. (E-cycling bins).	don't know	Yes,	Think it is with CRS
27	Henderson (26)	health d	Health department accepts electronics, not sure if during business hours or had recycling events	Finding a place to put the electronics	Not sure	N/A
28	Jackson (27)	mix	1) local retailer or non-profit accepts all e-waste items from residents during business hours o NO cathode-ray-tube (CRT) tv's accepted, but will accept other tv's – if you buy from them they will take the CRT TVs and then some limited quantities (i.e. Best Buy). Best Buy also has information posted on their website about the Illinois law. o NO tv's whatsoever accepted – there are some retailers that do not accept TVs (i.e. Staples) 2) Permanent Government Sponsored Program – open 6 days a week – active since 2002.	I think residents in Jackson County are aware of our program, we have a successful program that has been active since September 2002. Current challenges for our program: Jackson County being one of the few programs in Southern Illinois & cherry picking. Scrap yards and salvage places taking partial items of electronics (i.e. computer circuit boards, which then leads to partial material coming to our program.	Yes	Vintage Tech Recyclers
29	Jasper (28)	don't know	County does not take electronic waste. If residents need to recycle it they must find the resources on their own.			
30	Jefferson (29)	don't know	Not sure	Not sure about resources available to the residents	No	N/A

31	Jo Daviess (30)	e-coll	Residential e-waste collection events held 2 times a year, once in each county (Carroll County and Jo Davies County)	Exact date of collection may not be convenient for residents, might have to wait another 6 months. Not having a permanent drop off site is the biggest challenge	
	Johnson (31)	e-coll	e-waste collection (see Alexander Co.)		
	Kane (32)	mix	Residential e-waste collection events held once a month (2nd Saturday) residents highly aware, CRTs accepted; e-cycling bins, monitored and secure, are available at locations like Goodwill	A lot of people asking for collection service, large products, no car, cannot bring to a drop off. Want someone to come and get it for them.	Yes Simms Recycling Solutions (Satisfied)
32	Kendall (33)	mix	2 communities have a drop off, One community-- every other Saturday and another community --mon-fri normal business hours. In [Yorkville] the waste hauler picks up-- they collect and they bring electronics on curb for recycling -- and charges no fee.	Biggest challenge --- unaware of electronics ban. Unaware of what electronics are banned, and what programs are available Many residents will hoard electronics in the meantime.	
33	Knox (34)	mix	local retailer or non-profit accepts all e-waste items from residents during business hours (except Sundays) , They also will take small electronics, microwaves, anything with a cord that is a small appliance. They also have a curbside pickup day where large appliances can be picked up for free two times a year. Otherwise, residents can have their large appliances picked up by getting a sticker for 19 dollars.		
34	Lake (35)	mix	local retailer or non-profit accepts all e-waste items from residents during business hours; all TVs accepted; residential e-waste collection event(s) held one or more held annually; Grew, started collecting electronics in 2000. Collecting 4 million pounds in the county. Compete with best buy, goodwill, other stores that take back electronics. Take most devices besides refrigerants, liberal in what products they take		Yes Simms Recycling Solutions
35	LaSalle (36)	e-coll	collections	Large participation in collections, municipalities can have their own as well.	Yes Vintage Tech
36	Lawrence (37)	none	(from SW Coord of Crawford, Lawrence & Richland Cos)... No options in county unless a recycling event/truck comes to their county. Many people take their electronics to a neighboring counties' (Clay) processor in Flora, Illinois (Secure Processing?). Robinson Recycling Center only takes new technology. No CRT glass.	No place to take electronics. There is a lot of land in the counties to just dump electronics instead of taking it to a responsible processor. There is no funding to recycle and there are too many hoops to jump through to become a certified recycler and it is too costly. People are burying electronics in their trash. It gets stopped at the Sullivan landfill and they have a recycler pick up the electronics.	No, people go out of county if they do anything at all N/A
37	Lee (38)	e-coll	Residential e-waste collection events held a few times a year	None	Yes Changes each year due to bid outs, this year is Secure Recyclers (satisfied)
38	Logan (39)	e-coll	Residential E-waste collection dates held by Habitat for Humanity, 2nd Saturday of each month	They only have a collection site in Lincoln, residents need to travel over there	Yes Vintage Tech (satisfied)
39	Macon (40)	mix	Local retailer, Best Buy or BLH. BLH will accept TV's but charges the residents for it. Collection events are held three times a year	TV's are a problem in general, finding someone to pick them up. Seniors have difficulties because CRT's are only accepted for free at the collection events	No N/A
40	Madison (41)	lr/np	Local retailer or non-profit accepts all e-waste items from residents during business hours. CRTs are accepted. Pre-ban, we used to have 4-5 private companies that took care of our recycling needs. After the ban was have 2-3 private companies.	1) The registered recyclers could really use some help from the govt./state. All the recent regulations on recycling have been a double-edge sword. We know we have good recyclers who are doing the right thing. Unfortunately, the CRT market is killing them. The non-registered recyclers are also killing them. 2) The message has not been put out clear enough. There is no unified state marketing campaign. It would have probably worked better if there was one marketing campaign done by the state, and the \$2000 for each County was instead applied to the State's marketing campaign. The state could then apply some of those funds to the under-served counties. \$2000 isn't enough money to cover the costs for a marketing campaign for a county like Cook County. All that money combined into an account for the State to handle would have been enough to do something. 3) There are a lot of have nots in Illinois. Some of the counties didn't even have the resources for a recycling coordinator to apply for the grant money.	Yes Vintage Tech Recyclers, CJD We have also worked with Whitz, Som Tech, and Total Metal Recycling, and another one out of Madison or Milwaukee run by 2 ladies (but we learned our lesson about working with them).
41	Marion (42)	lr/np	local retailer or non profit accepts all e-waste items from residents during business hours, televisions and computer monitors are recycled at a cost however everything else is free	None, besides paying for recycling the tv	No, but the recycling agencies do n/a



42	Marshall (43)	bins	Unmanned county drop off location; 24 hrs. Sent 44 tons to Vintage Tech and received \$1600. No Staples or Best Buy in the county. Unmanned bins, CRT's included.	Residents do not have problems to recycle electronic products. We are the ones with the challenges of actually recycling this stuff. We have those e-recycling bins, but they are accessible 24 hrs a day, but nobody is monitoring them all that time. So there is little control on our end, and people from outside of Marshall County will come and dump their e-waste in our bins. It would be fine, except the cost is a problem. We can only get the taxes funds from the people of Marshall County, but the service is being used by people from all over.	Yes	Vintage Tec
43	Mason (44)	e-coll	I don't know/ County does not hold electronics collection events	County does not hold electronics events. Mason City does periodically, but he is not aware of who coordinates the events or what people do with their electronics when they plan to dispose of them. The county government takes a truckload to Springfield or Peoria when they turnover their electronics.	No	N/A
	Massac (45)	waste h				
44	McDonough (46)	mix	(from Recycling Coordinator of Tri-County Regl Collection Facility-- McDonough, Mercer & Warren Cos) Local Retailer open during business hours (from 4-8 hours a day). All electronics accepted besides humidifiers	No significant challenges, in some rural settings some have to travel many miles to get to a recycling center, some counties do not support robust programs. This is the reason small counties are combined together in order to have a program be supported. Challenge has been met by and large.	The tri county collection facility works with a recycling contractor for each county	Vintage Tech Recyclers (very satisfied)
45	McHenry (47)	mix	local retailer or non-profit accepts all e-waste items from residents during business hours; All TVs accepted; residential e-waste collection event(s) held once a month; e-cycling bins, monitored and secure, are available at locations like Goodwill.	No real issue with open dumping, collect plenty of pounds of electronics at their events. Franchise are for waste removal at curbside, they will take x amount of electronics with no additional cost/fee.	Yes	Simms Recycling Solutions (Satisfied)
46	McLean (48)	lr/np	Number of drop off locations in the community, some located in local non profits. One in Normal, some business take the materials as well. Each of those takes CRTs. Trying to promote those options that have no strings attached. Best Buy, you have to pay a minimal fee.	Biggest barriers are for people who don't have means of transport, don't have a vehicle or have a large tv they cannot move. Elderly, cannot lift their items. Transportation is the largest problem. People who are not aware of the options that exist.	Yes	Ecology Action Center
47	Menard (49)	e-coll	Rotary sponsors year or biyearly collection events, not sure if TV's are accepted	Some people do not want to wait for an event to get rid of their products. However, they are relatively close to Springfield so some people will just go there to get rid of their electronics.	No	N/A
	Mercer (50)	mix	(see McDonough Co.)			
48	Monroe (51)	rc/s	Recycling center open during business hours as well as on Saturday	Residents would like recycling center to be open for more evening hours, however this cannot be done due to budgetary restraints	Yes	Not sure, sub contracted
49	Morgan (52)	don't know	Not sure	Not sure about resources available to the residents	Not sure	N/A
50	Ogle (53)	mix	residential e-waste collection event(s) held twice a year, co-sponsor with Lee County, e-cycling bins, monitored and secure are available at locations like Goodwill; other - List of other places outside of county to take things, educate them about other options, residents must drive out of county to take electronics to a retailer like Best Buy.	Rural county, Best Buy is NOT in the county, need to drive to neighboring counties to find processor or retailer to take it. Bins are locally available.	Yes	Universal Recycling Technologies (drop-off containers)
51	Peoria (54)	mix	Best buy, private electronics recycling companies like ATR, Kuusakoski (opens next month). Accept televisions at no cost to residents	Change period, people are still learning where to take their electronics. Education factor with staff as well, so they can spread accurate information.	Not officially	ATR and Kuusakoski have privately owned recycling centers
52	Perry (55)	e-coll	Residential e-waste collection event once a year in conjunction with Jackson County in late spring or early summer.	Between the times when recycling events are held, people aren't sure what to do with their electronics and many times (especially after Christmas) the less knowledgeable people will dump their old electronics into ditches. This happens despite the advertising she does using the EPA grant money. Becky has some students who will help her collect those and store them until the next event.	yes	Vinatage Tech (via Jackson County event)
53	Piatt (56)	e-coll	4th Wednesday of every month, soil and water do electronic recycling, 9 to noon. Electronic recycler brings a truck. Accept televisions, possible CRT.	No, but days aren't long enough. Not profitable for the company to stay for the entire day.	Yes	Come to recycling solutions, Charleston II

54	Pope (57)	don't know	Don't know. Pope Co no longer does recycling. The recycling program was too expensive for county to handle and residents were not following guidelines--just throwing trash on ground.			
	Pulaski (58)	don't know	Don't know. (one of 'Southern 5--see Alexander Co)			
55	Putnam (59)	lr/np	local retailer or non profit accepts all e waste items from residents during business hours (staples, best buy, goodwill)			
	Richland (60)	none	No options. (see Lawrence Co.)			
	Schuyler (61)	city hall	info flyer available online by Tri-County Resource & Waste Mgmt Council indicates Rushville City Hall accepts electronics weekdays during business hours.			
56	Scott (62)	none	No options at present. Used to take [electronics] to Jacksonville, a handicap center. Either sell them or give you the equipment refurbished. Not sure if televisions are accepted.	No, not aware	No, just the sole location mentioned	n/a
57	St.Clair (63)	lr/np	Local retailer or non profit accepts all e-waste items from residents during business hours	Televisions and computer screens are a huge issue	No, they utilize local businesses instead	n/a
58	Stark (64)	rc/s	2 recycling sites in Galeville and Kingbridge.,	Not aware	no	n/a
59	Tazewell (65)	mix	Can take electronics to different commercial areas, going green computers, various other retail facility stores. Transfer station in East Peoria can also receive electronics. Always advise residents to call first. Kuskakasi will also take CRT's, more people will be able to take them. There are 6 locations that residents can drop off their e-waste at, the places vary in what they will accept.	older residents have issues dropping off their electronics	no	n/a
	Union (66)	don't know	Don't know. (one of 'Southern 5--see Alexander Co)			
60	Vermilion (67)	mix	Local Retailers accept all ewaste items from residents during business hours, none accept tv's at the present. Occasional residential e-waste collection events held.	It would be better if retailers would accept all electronics, additional drop off sites would be nice	no	N/A
	Warren (68)	mix	(see McDonough Co.)			
61	Will (69)	mix	local retailer or non-profit accepts all e-waste items from residents during business hours municipalities and one park district, independently operated, open at different hours. Open at least once a week. Accept 70 different electronic devices including televisions Opened in 2007. Also offer a free front door option to residents, available to municipalities that cross the border.	Biggest hurdle; residents have not found out about the program. Put television sets out at the curb, can be stolen or destroyed. Going after the copper in the television sets. Education is the biggest problem. Residents who know are satisfied, if they can't get it out of their house then they can use free front door service	Yes	Vintage Tech (satisfied)

## Appendix D

Registered Collectors, Recyclers, Refurbishers Responses to Question 2b

## Registered Collectors, Recyclers, Refurbishers Responses to Question 2b

	Company Name	Collector	Recycler	Refurbisher	Q2b
1	AREA Disposal Grimm Brothers Trucking	Collector			Village of Morton
2	Bigham's Electronic Recycling & More	Collector	Recycler		Pittsville
3	BLH Computers	Collector		Refurbisher	Sangamon, Christian, Macon, Logan, and Cass Counties, City of Alsip
4	Bryant Industries, Inc.	Collector			Vermilion County
5	Centralia Recycling Center	Collector			Marion, Clinton, Washington
6	City of Chicago	Collector			Cook County
7	City of Rochelle	Collector			Ogle County
8	CJD E-Recycling	Collector	Recycler	Refurbisher	Madison County, Madison Township, Woodriver Township, Meadowbrook Township, City of O'Fallon, City of Hartford, City of Roxhanna, Glen Carbon Alton
9	Computer Banc	Collector	-	Refurbisher	Sangamon County, City of Springfield
10	Elgin Recycling Inc.	Collector	Recycler		Village of Streamwood, Village of Norridge, City of McHenry
11	eWorks ESI Midwest	Collector	Recycler	Refurbisher	Kane County
12	Green Purpose, LLC	Collector			Champaign County
13	Greenpath Recycling (Pathway Services Unlimited, Inc.	Collector	Recycler	Refurbisher	Sangamon, Morgan, and Scott Counties (probably more)
14	J&C E-Recycling	Collector	Recycler	Refurbisher	Belleville
15	Kane County	Collector			Kane County , Batavia, St. Charles, Geneva, West Dundee
16	McHenry Township Road District	Collector			McHenry Township

continued

## Registered Collectors, Recyclers, Refurbishers Responses to Question 2b (continued)

17	Mervis Industries	Collector			Vermilion County Champaign County
18	Midwest Computer Processing	Collector			~10 Different Municipalities
19	Midwest Fiber	Collector	Recycler		Decatur, Macon Counties
20	Ogle County Solid Waste Management Department	Collector			Ogle County, Lee County
21	PC Rebuilders & Recyclers	Collector		Refurbisher	City of Chicago
22	Quincy Recycle	Collector			Quincy
23	Recycle-It Of Chicago	Collector	Recycler	Refurbisher	approx. 5 townships including Bremen Township, Forest Park
24	River Valley Recycling, LLC	Collector	Recycler		Iroquois County primarily
25	Secure Processors, LLC	Collector	Recycler		Effingham
26	Solid Waste Agency of Lake County	Collector			Lake County, 42 municipalities in Lake County
27	St. Clair Associated Vocational Enterprises, Inc.	Collector			St. Clair County
28	Supply-Chain Services	Collector	Recycler	Refurbisher	City of Chicago, SWANCC
29	TriCounty Regional Collection Facility	Collector			McDonough, Mercer, Warren, Henderson, Hancock, Schuyler, Knox, Fulton Counties
30	USMe LLC		Recycler		Villages of Addison, Morton Grove, Alsip, Beardstown, Havana, Williamsville, Christian County, Cass County
31	Village of Addison	Collector			Village of Addison
32	Village of Oak Lawn	Collector			Oak Lawn
33	Vintage Tech Recyclers	Collector	Recycler	Refurbisher	Jackson, Grundy, Cook, and Will Counties, and more-- refer to IEPA report for complete list

## Appendix E

Registered Collectors, Recyclers, Refurbishers Responses to Questions 4-6

	Q4	Q5	Q6
1			Junk scavengers picking up e-waste from our dock before our maintenance guy can bring it inside
2	None	No suggestions.	My concern, not specifically for [our company], but in a broader sense:  Our technology in the U.S (for recycling) has not kept up with electronics today which is causing harm to people and the environment.
3	<p>Pickup and deliveries of the materials. For example, if you have a business located on the 100th floor with a lot of materials to be picked up, then finding a way to get all those materials down and loaded can really be an obstacle. We run into many issues related to this. We've been in the situation, had somebody come out to take care of the materials, but when they arrived they found out guy with the keys did not come into work that day.</p> <p>Often businesses want something done with the materials, but they simply do not want to be the one to think about it. They only want it dealt with if they aren't the ones dealing with the problem.</p>	Perhaps more assistance from the City would be helpful. We could have a system similar to the mail system, where the City could provide bin locations that companies could drop-off they're materials, and then we could arrange specific times to pick up the materials from each bin location throughout the day.	No
4	CRTS are a charge item. The general public does not seem to realize this. People come wanting to drop-off their CRTs without wanting to pay anything to us for something we lose money on.	No suggestions.	I do not know a way to make this better, but I know there are still a lot of people throwing stuff inside garbage bags that should be getting recycled. There probably needs to be a greater penalty for doing this, a small fine is just a slap on the wrist.
5	<p>Packaging &amp; Televisions When the televisions are dropped-off, they need to be palettized for the shipment to the recyclers. This is a time-consuming process that also requires a lot of material.</p>	A reduction in the number of individual items to report would be welcome. I do not see why we can't lump more items together.	No
6	We are unique in the industry. We specialize in pick up service. We are probably the largest pick up service in IL. Our biggest obstacles tend to be stairs and walls.	No suggestions.	No
7	<p>Logistics &amp; Pricing No matter what the commodity is, there are moving costs. Unfortunately in the last two years, especially for 2014 with the harsh winter we have had, freight costs have become very expensive.</p>	<p>Certainly not anymore broad legislation. The whole OEM program is difficult even for an intelligent person. It needs to be made more user-friendly to open it up to others.</p>	<p>The older style e-waste is getting closer to non-existent. If I was the state, I would say that we should be keeping an eye on dealing with the materials here in the U.S. We should not be letting these materials leave the U.S.</p>
8	Getting rid of the televisions is the hardest part, but I do not have a large volume so it is not that bad.	<p>Make the certifications cheaper. Make the televisions easier to get rid of.</p>	No
9	<p>Televisions. It is really difficult to recuperate our costs from these e-waste events. The cost of getting rid of the televisions is too much. Most people want to just drop off their televisions and go. We use a voucher system with the televisions, but still it is a lot of added bureaucracy and paperwork.</p>	<p>When the IL landfill ban came out, it did not set the bar for the OEMs high enough. None of these OEMs have to go South of I-80 to fill their quotas. We have no options to turn to manufacturers for help in offsetting the costs of these televisions because of this. All the quotas get filled by a couple large companies up North.  The weight requirement quotas are too small. If the weight requirement was higher, then these manufacturers would have to go South to fill their quotas, giving companies South of I-80 better business opportunities.</p>	No

10	<p>The inability to charge residents to recycle a CRT monitor or television has driven us to stop accepting them altogether, leaving our county residents with no local option to recycle a CRT. If the State of Illinois would allow us to charge to accept these items to offset the cost to accept, handle and ship these to certified recyclers, this would allow us to take them again. As it stands, the only companies that can afford to handle them are companies who have manufacturer relationships, which puts them at a significant competitive advantage as well.</p>	<p>No suggestions.</p>	<p>No</p>
11	<p>Getting the items picked up.</p>	<p>No suggestions.</p>	<p>No</p>
12	<p>Not too many obstacles. Many thing is the amount of material to be managed with the limitations of our facility.</p>	<p>Regulations.                  There is a lot of underhand stuff going on, and no enforcement of the laws. Some places are collecting from businesses, but reporting it down as from consumers. There needs to stop being this excuse that “we don’t have people to do that.” Maybe the feds have to come in and take care of it.                  Ghost-reporting. There are ways to figure it out. You can have trucks, and you can estimate the weight for a particular items for the percentage of the truck that is filled. Other companies are stockpiling the CRTs because of the pricing to deal with them.</p>	<p>A lot of people are doing bad things, and the response we are getting is “We don’t have enough people. It’s not our fault.” So we are losing the good companies. They cannot compete.</p>
13	<p>The number and amount of e-waste items that we are collecting is a little overwhelming. We do not have a 24hr drop-off location. We collect our items through a secure site, but we are not solely dedicated to collecting goods. We have problems finding the manpower to have somebody there to handle all the materials coming in. We only collect televisions that are not broken.</p> <p>Another obstacle is all the reporting that is required. It can be challenging to keep track of all the materials. It’s like “no good deed goes unpunished.”</p>	<p>No suggestions. It is going pretty well for us. Luckily, we have a good collector that will take everything. We have people drive 30-40miles to take their stuff to us.</p>	<p>No</p>
14	<p>There is a lack of education to the residents. The public is very receptive and willing to do what is necessary, but they need someone to spell it out clearly for them.</p> <p>Dumping is still occurring in rural areas. We had a case recently where 20 televisions were stripped and the worst parts of the televisions were dumped in a river.</p> <p>The townships and state needs to do a better job of supporting its recyclers and collectors. They don’t seem to want to support the for-profit recycling companies.</p>	<p>Nobody should be allowed to be stockpiling these CRTS. We need somebody coming in and checking up on people, making sure that these things do not happen. Audits. Otherwise, we find ourselves in situations where companies with all the certifications stockpile such a high volume of net-negative items and then go bankrupt. They’re getting all the business then leaving the mess for someone else to deal with.</p> <p>Educating the public/residents!</p>	<p>We really need to make sure that the right people are getting the OEM money. We need to make sure the weights check out, too. The weights should make sense. Landfill over is not the only thing that is happening in IL. Again: We need to ensure there is enough volume coming in, and we need to be educating the public better. Resources need to be provided.</p>
15	<p>None</p>	<p>No suggestions.</p>	<p>If Ban and R2 will ever allow landfill of any kind???</p>



16	<p>The state is the biggest one. When you sign up under the IEPA, there should be some sort of introduction package sent to the new recyclers and collectors. The IEPA offers no help at all for new businesses coming into the game. The law states that the manufactures are responsible for the collection of this residential waste but it almost impossible to receive these manufactures credits. The law was sloppily put together by people who are unfamiliar with the recycling industry.</p>	<p>The People who are in charge of carrying out the law and who have come to my warehouse to do audits need to be trained better. It is pretty sad when the person in charge of upholding the law know less about it then you. Another thing the state should do is issue EPA numbers. It looks pretty unprofessional when you are trying to gain a new client and they ask for an EPA number and you tell them to go look on the IEPA website for your name. Almost every other state provides EPA numbers to their ewaste recyclers. Not only that but you are letting them look at 200 other recyclers that they can call and ask about their services. This has happened to be at minimum of 20 times.</p>	<p>I would really like to know where my 550.00 payment to the IEPA goes. It says that the money is used to raise awareness of the states recycling program. I am sorry but I just don't see it, ever. They need to continue the grant program to allow businesses to grow more. We are 2 minutes outside St. Louis and opening up shop there is beginning to look much more appealing as they still are having rounds of grant opportunities for erecyclers.</p>
17	<p>Our biggest obstacle is getting the general public to understand that we only collect computer related ewaste and computer accessories. We do not take the televisions and what have you.</p>	<p>People really still need to be told not to put these items in their garbage.</p> <p>It would help if these collecting/recycling lists also differentiated between for-profit, non-profit, and even United Way non-profit. We are the only ones in the area that have the distinction of being a United Way Member Agency. They have very strict requirements for fiscal behavior, ethics, etc. I think it would help our business if people knew this.</p>	<p>No</p>
18	<p>It seems the cost of doing business is higher than it needs to be. The one that seems to be the worst is collecting CRT TVs and monitors by consumers for free (by law) yet having to pay to recycle them downstream.</p>	<p>No suggestions.</p>	<p>The major issue for us is the significant difference in demand downstream in regards to consumer e-waste. It seems that the downstream vendors will charge up to \$.33/lbs for CRT processing yet in the final months, I can get them to accept them for free for an OEM for weight. That usually equates to us hording CRTs until the end of the year.</p>
19	<p>The low cost of reimbursement for our materials.</p>	<p>We should be free to sell our materials to any R2 certified recycler, not just the ones that are registered with the IEPA. This is very limiting , and it is preventing us from getting a better price for our materials. We do not pickup; we only allow drop-offs of the materials. We only break even with the drop-offs with many of these materials. If we did pickup, we would not be able to function.</p> <p>Hopefully they'll repeal all these fees. These fees are just another tax. They shouldn't be charging us all these fees.</p> <p>Many companies are cherry-picking which items to accept. I don't think this is right. It really hurts the companies like us who are providing the service of accepting these items which we don't make any money from. No cherry-picking would be nice.</p>	<p>The amount of e-scrap materials seems to be decreasing. (Volume is decreasing).</p> <p>If you are willing to pay the state a bunch of money, it seems like you can do whatever you want.</p>
20	<p>We are not partnered with any manufacturers, and so it is a major barrier to our business to have to take on the costs associated with recycling these CRTs devices without a contract.</p>	<p>We do not accept televisions and monitors at our public locations because of the difficulties described in the previous question. The only time we accept these items are at our one day collection events.</p>	<p>No</p>

21	<p>The number of categories to report is brutal. It really does not make sense from a processing standpoint. I hear that they are working on changing this to about six categories to report on. That sounds more reasonable.</p> <p>The cost of recycling the television screens is really high.</p> <p>The economics of this business is always very tight. The whole OEM situation is a mess. Recyclers are the ones left holding the bag at the end of the day. Credits are very flippant. All of a sudden, your economic rug gets pulled from under your feet. This makes it really hard for the companies who are struggling to keep their heads over to be able to do the right things to strengthen and invest in their company.</p> <p>The small recycling companies really have it hard. They may not receive a lot of e-waste to setup contracts, but they still received materials that they end up having to front the costs for.</p>	<p>We need to open up the lot to allow the small companies to take their materials somewhere for free. I'm talking about the companies that are not big enough to hire bigger firms to deal with the materials.</p> <p>We can officially guide people/business by allowing some small business materials to be dropped off at the large collection events instead of rejecting them. At least we can allow this up to a certain maximum amount.</p>	<p>We need to have viable methods to rid of our television screen glass. I heard the Kuusakoski company has a facility in Peoria with a good base, and they have passed the certification.</p>
22	<p>No. These questions really don't apply to our company. We deal with mercury. We have all the transfer station permits in the state.</p>	<p>No suggestions.</p>	<p>No</p>
23	<p>The management of buildings can be an obstacle for us. We do not have all the insurance requirements that some managers require. The customers of that building may want our services, but because of the management we are unable to provide them our services. Some of these insurance requirements are simply too expensive.</p> <p>Another issue that we run into is with unions. We are not unionized, and sometimes that causes an obstacle for us.</p>	<p>If anything, it would be helpful if we receive more assistance from the state. In the past, we have applied for the grants a couple times, and we never get them. We hired an accountant to apply for these complicated grant applications, and in the end received nothing.</p> <p>I would also recommend that the state gets involved in the recycling of alkaline batteries. It is an expensive process for us to deal with, and nobody is really recycling these batteries. We are collecting them, but we have to pay quite a price to get rid of them. Customers probably don't want to pay even higher upfront cost when buying them either, so passing on the cost to the consumer isn't so easy to do.</p>	<p>No</p>
24	<p>The number one obstacle again would be televisions. Even though we stopped accepting them, they still end up showing up on our doorstep. People dump them at our site. Then we have to deal with them, which costs us to recycle. We also stopped accepting them because of their weight and size. We have staff members who the televisions are too big for them to readily lift and move.</p>	<p>I think a better job needs to be done with the website information available to the general public. The website information really needs to be more accurate about what we do or do not accept. We also could benefit from having our name out there more. There are for profit organizations that are getting more of the valuable electronic materials.</p>	<p>There is an issue with these televisions on both ends. We cannot get payments for the televisions, so we stop accepting televisions. The general public then does not know where they can take their televisions. The result is that people are doing things that they normally would not do with them, like throwing them in somebody else's trash, leaving them at a curb, or dropping them off at a business after-hours.</p>
25	<p>In the past, we have had to pay to dispose of televisions.</p>	<p>No suggestions.</p>	<p>No</p>

26	<p>I would say that the biggest issue was staying vigilant about the types of e-waste items that we could accept from our customers and making sure that the collected items were in accordance with [our] own list of accepted items.</p> <p>We regularly recycle large volumes of many types of waste streams, which means our warehouse often has limited space for storing e-waste items.</p>	<p>No suggestions.</p>	<p>No</p>
27	<p>From the residential side, we get materials that are dirty or muddy.</p> <p>From our side, finding the right people to take the materials can be a problem. We are particular about taking our materials (the ones that we do not process ourselves) to processors with the R2 subscription. These processors tend to be in high demand, and so we have a waiting time.</p>	<p>We definitely need more space. With the materials that we take to outside processors, we have to keep the materials in our location while we wait. Our facilities were a good starting place, but they are not really adequate now</p> <p>We need more processors downstate. While we do process some of our own materials, the ones that we do not process have to be sent to Chicagoland.</p>	<p>No</p>
28	<p>We do not have many obstacles. The televisions make it bad, though. They are not cost effective. With nobody taking the televisions in our area, it would be bad business for us not to accept them. Collecting them can be hard. Now the surge of televisions is gone, and we receive a steady stream of them. Still, there are people putting them by the curbside.</p>	<p>No suggestions.</p>	<p>No</p>
29	<p>Our biggest obstacle is dealing with the logistics. It is hard to overcome the cost of handling the eWaste when there is such a limited return.</p>	<p>No suggestions.</p>	<p>No</p>
30	<p>Without certain certifications, we could not get business. Certification process was long - about a year.</p>	<p>No</p>	<p>No</p>
31	<p>Finding legitimate vendors to take certain materials, specifically CRTS</p>	<p>There are lots of regulations, it would be helpful to have them described in layman terms.</p>	<p>No</p>
32	<p>The biggest obstacle we have is getting rid of the televisions. Finding somebody who wants them, or who will pay for them is quite challenging. We have palletes and palletes of televisions and monitors, that are really expensive if we have to pay to recycle them all.</p> <p>Getting business with corporations or local businesses is also a barrier we face. Finding good contracts that will simply provide regular/steady influx of work is difficult. We deal with local businesses on their own random times when they have materials for us.</p>	<p>Address the issues outlined in the previous question.</p> <p>We would also like to see more cooperation among companies in our business. It would be beneficial if we could come together better.</p>	<p>No. They are interested in receiving emails about the 2014 IL Electronics Summit &amp; also about anything that may be helpful to their business.</p>
33	<p>We are the only ones in Southern IL collecting eWaste, and we have taken on a lot of cost associated with that. We also have many scrappers in the area who take all the good stuff and dump off the worthless things for us to deal with.</p>	<p>It would be helpful if there was one consistent, branded message (which we tried to do with some of the grant money we had received). A toolkit that could be made available to counties that do not have an eWaste recycling program to help them with the program initiation is another suggestion.</p>	<p>No</p>

34	Last year, in our second year of our contract, our recycler started charging us to receive materials from businesses and residential small household appliances so we had to stop providing those services until we were able to switch to a new contract with another recycler who does accept those materials without charging.	No suggestions. "Things are running pretty smoothly for us. I know that there is room for improvement on the reporting end for recyclers with there being so many categories to report.	No
35	Cost of disposal of the CRTs, logistic costs, and getting companies to comply with the law. He has dealt with companies that would rather just risk it and throw it away even though it is against the law.	As the laws become more stringent, and the % enforcements go up, the situation should improve.	No
36	The dumping of broken items.	No	No
37	No obstacles. We get a lot of calls about the televisions and monitors, but since we do not accept them it isn't a problem area for us.	No suggestions. We have things down well.	No
38	The CRT tubes are the biggest obstacle because the state requires that no resident may be charged for the televisions or monitors to be collected. So if the collector does not have a manufacturer reimbursing them for the products, then it is only a cost to the company.	We need to be allowed to charge the residents to collect the televisions or monitors or the state needs to provide better grants/financial incentives to collectors and/or recyclers who do not have deals with manufacturers.	The state should step in with regards to the connection between manufacturer fees and collectors.
39	IEPA is okay, but the government meddling in our business is too much.	No suggestions. We are pretty self-reliant. Just wish the government would stop forcing extra taxes and insurances on us.	The fly-by night recyclers that are not registered with the IEPA are worrisome. They take the stuff with value and who knows what they do with the rest of it.
40	Credits for CRTs from manufacturers of TVs - it is an exclusive little club and very difficult to find out how you can get credits from the manufacturers for those CRTs collected from residents.	No suggestions.	Separating e-Waste from hazardous waste (like mentioned above in the PCB, Mercury discussion)
41	Public education and awareness of the laws and bans regarding e-waste. Also due to being a newer start up and not have the resources for working capital, maintain day to day operations has been hard.	Making it a little easier to establish working capital loans through the sba. There were so many hurdles to overcome that we stopped looking for sba assistance and we would like to expand and grow into a processing company.	In regards to the state collection guidelines about reporting collected weights, I believe that as collectors, we should not have to report our weights because of the redundancy of the processors that receive collectors materials. They also have to report their collected weight with all the other collection company's that sell their material to them. It leads to erroneous amounts being reported at the end of the year, which gives the general public a false sense of security that so much is being collected when in reality, only about half if not less is the actual amount. For example, I collect a thousand pounds and another collection company collects a thousand pounds, then the processor collects a thousand pounds and our 2 thousand pounds. Everyone reports their weights and you get 5 thousand pounds when in reality only 3 thousand pounds was collected. And for a processing company to keep a listing on hand of the state registered companies that sell to them would be preposterous and a logistical nightmare.
42	No obstacles.	We need more organizations and municipalities to be interested in recycling.	No

43	<p>We have always collected from residents, and over the years we have started collecting from business, too. The challenge is that there aren't many alternatives to business for their e-waste. The manufacturers are not paying for the business waste (the law only covers the residents). So the processors do not want to take their e-waste anymore. Everybody seems to think that businesses should be paying for it themselves, but of course, they do not want to. So instead, the e-waste ends up in the dumpster or not handled properly. This is especially problematic for rural locations like ours.</p> <p>There are alliances with the manufacturers. The small recyclers often do not have affiliations with a manufacturer who will pay them to do the work of filling their quota. This makes it harder for the recyclers to make it economical. A few processors get the manufacturer contract, but many small ones do not. Not sure what suggestion I can make to solve the problem, but it is definitely a problem.</p> <p>As a collector, this affects us. For example, we used to have a contract with [--] , but they cancelled our contract. They were paying us to collect materials. Now, our processor does not pay us for what we collect because there are no reimbursements for them. Ultimately, the small processors are not getting paid the way the large ones are.</p>	No suggestions.	It is easy to say that the businesses should be responsible for their own e-waste, but I would like to see incentives for them, too. Their waste either ends up in our hands without compensation, or ends up improperly handled.
44	Getting the equipment/volume of products to be recycled.	No suggestions.	Make sure promotion is in the collection process, especially promote the reuse of products over material recycling.
45	No obstacles.	No suggestions.	People are looking for places to take their televisions and monitors, and there is no place nearby that accepts them. It is not a problem that we have to do much with because it is our choice, but it is a problem, especially in the more rural areas.
46	Televisions are the biggest problem, and the big companies are getting all the OEMs for them. Not enough contracts to take the televisions for free. Cannot compete with the big companies. Monitors are a similar problem, especially since they cannot be sent overseas. Availability of the grants is too limited.	Stop throwing all the OEMs to the big companies. Include the small companies more in the OEMs so they can compete, and so there remains a variety of recycling options.	No
47	Biggest obstacle is being able to make money. The televisions and monitors take away all the profits from electronics. Another big issue is the cost of freight to get things where they need to go. To recycle things, there needs to be a market for the recycled products to go.	Private companies can handle the recycling cheaper than the cities/government agencies, but there needs to be a demand for the recycled good. Finding or creating uses for the recycled material will create that demand. Make sure it is worth it.	The CRT tubes are 90% of the problem. Flat screen televisions will probably be then next problem. They're also very hard to recycle.

<p>48</p>	<p>We are unique. We are registered with the IEPA mainly for promotional purposes. We take some people's electronics if they have a profitable value. We are not a recycler in the sense that you are asking. We call that dismantling. Finding valuable materials within the large volume of low-grade materials is an obstacle.</p> <p>To give you an example, about seven years ago, we decided to take on end of life materials as well as scrap materials from manufacturers. At that time, we went from 400,000 lbs/month to 2million lbs/month of material. Last month, we were at 800,000 lbs/month.</p> <p>When gold prices go up, manufacturers will use less and less gold in the products. Of course, this negative influences our business. "Does using less gold effect the quality of the product?" Yes. So three years ago the prices of gold went up, and now we are feeling the effects of that decreased value of the products we are processing. It is more challenging to find materials that have a good value.</p> <p>In the last few years, we have seen the number of recyclers reduce by more than 50%. The mor costs put on, the more you drive the effort away.</p>	<p>No suggestions.</p> <p>R2 and Ban are programs for companies that are not regulated. They are voluntary programs that are business decisions to participate in or not. We are different. Because our work involves processing the raw materials, melting things down, etc., we are required to have very expensive permits for environment compliance. There's no point for us to spend tons of extra money on this other programs that are less stringent than the requirements we are already forced to meet.</p>	<p>Another example. Our customers often do on-site audits of us. Some audits may last up to a couple days to a week. These audits require the time of multiple employees, and it all adds up. It needs to get charged back. The products need to have value in order for the process to continue. So, if there is no profit left, then it gets billed back to the customer. If the customer isn't getting profit, then they won't go down that path. We pay our customers to get their materials containing precious metals. They get money. We get money. The system works.</p> <p>The only other way to make it work is to add value in the form of subsidies, or take back programs. Canada has a program like that in which they award contracts for all the recycling based on 12 bid awards that the government selects.</p>
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<p>49</p>	<p>There is a lack of convenience because the general public is not that uniformly educated with it comes to recycling.</p> <p>They are collectors that are registered who only take the valuable items, and leave people like us or other government agencies to pick up their slack and take that cost as being the collectors of "last resort" Legally, they are allowed to do this, but somebody has to pay for these items to be dealt with.</p> <p>On the consumer end, it can be frustrating because it can be hard to find out where they can take their unwanted eWaste items. The items end up sitting there in their house for a long time.</p>	<p>We need more education for the general public because there are many people that are not recycling their belongings simply because they do not know the scope of the existing legislation. They do not know that it is against the law to throw these items away.</p> <p>Another point recommendation would be to simply enforce the law more. We have legislation without any oversight. Without the auditing, many companies are not following the rules that are already in place.</p> <p>If collectors are registered with the IEPA and getting the added business or benefits, then they should also have to deal with some of the negative aspects. These collectors should be required to collect the CRTs, too, and not be able to choose only the profitable items to collect.</p>	<p>We need to close the loopholes.</p> <p>Ghost/Phantom Weight Reporting Ghost weight reporting is like double-dipping. The manufacturers go to the processors and tell them that we need you to process this much volume of materials for this price. Some of these manufacturers do not care or do not check if the bill they receive is getting sent out to any other manufacturers, so the processors who are not getting fair prices will send a similar bill to another manufacturer that they have an agreement with counting the same materials twice. Nobody is checking or watching to prevent people from doing this.</p> <p>There needs to either be physical audits, or a mass-balanced check option instated. Some other states are doing this mass-balanced option; try looking at Minnesota, Washington state, Maine, and Pennsylvania. This would only be viable if the IEPA would be required to do the oversight, if there is legislation, or if the IEPA hires a third party to do the watching.</p> <p>Another option would be to have the government be very heavy-handed. The state could select only certain processors or manufacturers, and set certain price requirements for the manufacturers to offer the processors. The trade-off with this option would be that any processors or manufacturers that did not get the contracts with the State would go out of business and again options would be limited.</p>
<p>50</p>	<p>There is no place to dispose of TVs. Everything else has enough value to make it worthwhile to recycle. TVs because of the problems in dealing with the leaded glass in the CRT are almost impossible to recycle.</p>	<p>We need to find a product of products that the leaded glass can be made into to give it economic value.</p> <p>Change the law that manufacturers have to recycle TVs they must get them from within the State and not go outside of the State to meet their quotas.</p>	<p>No</p>
<p>51</p>	<p>OEMs are not paying enough to recycle the CRT glass &amp; there is no real oversight from the IEPA. OEMs go with cheapest prices, not the best recyclers and the cheapest prices are cheating to get such low prices.</p> <p>There are 2 types of cheating going on: 1) Ghost/Phantom Waste Reporting Places are somehow reporting what they want to report, getting double or triple the actual amount</p> <p>2) Because their price is low, they are not recycling the CRT glass responsibly. They may send the CRT glass to places that do not really recycle it properly. Consequently, the good recyclers cannot compete with the dishonest ones, and the whole residential recycling area is going bad.</p>	<p>Recommendations: 1) Have a weight-reporting sheet to be filled out by the collector (not the recycler) 2) Have a municipality representative on site for collection events 3) Use a specific container/trailer to decrease the margin of error in reporting weight 4) Put an oversight clause into the law ("the IEPA is lazy" they will not watch what is happening if they do not have to.)</p>	<p>The root cause of these residential recycling issues is that there is no oversight to force the OEMs to pay a reasonable price.</p> <p>In the beginning, there were lots of recyclers and collectors in many counties, but the direction this is heading is decreasing competition by cutting all the good recyclers out of the business and creating a monopoly over the market.</p>
<p>52</p>	<p>Finding the right homes for the stuff.</p>	<p>The people doing the right thing are getting penalized by the expensive fees to be registered with the state and to operate.</p>	<p>No</p>

53	No obstacles.		Cost of recycling the television and monitors without compensation is less than ideal.
54	No obstacles. They are fortunately to have partnerships. But miles covered and the rural nature of the land they serve makes it impossible to go door to door service.	We are at our limit. Aid money is needed. The recouces aren't there to balance the costs.	The volume in the the CRT glass has got to go down. He hopes that the new flat screen televisions may help.
55	Designing the company, keeping up with policies. Federal grants are difficult to get. Cannot compete with the larger companies.	Security is an issue.	Only deals with companies because household consumer waste is financially viable. Jeff believes the new laws are writtern by people that do not know what they are doing. He gave an example: " About a year ago there were some Polish roofers that came through and did a bunch of roofs incorrectly. The roofs started leaking, and a bunch of new regulations were put in place that made the process much more complicated for even the people who were roofing properly to be begin with." He basically said it was pointless to deal with eWaste from home consumers because the regulations have taken all the profit out of the business. Ie: have to pay to be a recycler, silly categories, limitations to your state (?)
56	Televisions	<p>Provide some way in which Televisions can have a value. Currently, the recycling value does not cover the costs associated with handling them.</p> <p>The easiest way to do this would be to charge an upfront fee to the customers when they are buying the electronics. Do an assessment to find out how much eWaste from televisions and monitors is out there, to help determine the upfront fee, and then give that money to the state so when a company processes a television, that money can help balance the costs of recycling. Put the responsibility on the consumer. The companies selling these products will ultimately pass on any costs to the consumer as well, but this way will simplify the system. It will also give big and small companies a fair chance.</p>	<p>California is a model of the suggestions I am making. By charging the cost upfront, there will be no need to track percentages of what each manufacturer is selling. It also encourages the customer to recycle their products when they no longer need them because they will have already paid a fee for this service. The current setup is way too cumbersome. It is almost impossible for the processors to get enough contracts with the manufacturers, and that is squeezing everybody out. Also, require reporting on where the eWaste is getting sent to. I'm sure that there are some people on the borders of IL that just drive across the border to dump their waste improperly.</p> <p>We already charge disposing fees with batteries and tires. Same model.</p> <p>19" TV vs 19" Monitor – the TV has absolutely no value to the recycler, but the Monitors at least have some value.</p>
57	No obstacles. We only collect items, and our gates are closed after hours so we have not had any major issues.	No suggestions.	No
58	Residents unprepared to deal with their items themselves (transporting them). Occassional issues with people dumping items when they are not open. Short availability of hours because of all the back time that is needed to keep it organized and processing the items.	No real compliants. If people observed the rules, it would be easier. Dumping can be messy and dangerous for us.	Promotions on the TV or Radio can expentially help people people realize the resources that are available to them.



<p>59</p>	<p>With the residential electronic waste materials, we have a problem that they are often being scavenged and only the low value materials remain. Also, increasing prices of demanufacturing. It can be a challenge to find the balance between cost efficiency and doing what is right/beneficially to people as a whole.</p> <p>It really becomes a problem when you find these people that are saying they are doing the recycling the right way, but they can offer ridiculously low prices that do not make sense. Well, later they go out of business after pocketing all the money to take care of the materials that we find they have been stashing in their warehouse all this time. Somebody ends up having to front the costs and pick up the pieces. We have been the people to pick up the mess. Local governments also end up being the ones to pick up the mess.</p>	<p>Always keeping people aware will help. We need to have constant communication between the recyclers and the government as well as the recyclers and the customers. Everyone needs to be aware of how important it is that we do things the right way.</p>	<p>No. I know the state does their best to manage the legislative piece. We are trying to be proactive about the future.</p>
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OUT-OF-STATE RESPONSES OBTAINED TO QUESTIONS 4-6

Q4	Q5	Q6
1 Missouri does not have any laws that prohibit people from throwing away ewaste. So it is hard to get people to do the right thing.	Missouri needs some eWaste laws for residents.	No
2 The program does not have enough obligations with the manufacturers. We can also have problems with getting the amount of volume needed to fulfill our manufacturer contracts.	Working with the state programs needs more clarity. There is no clear source of information, so we often have to contact pople to find out what we need to know. A website with clear information called out would be nice.	No
3 People have an over-abundance of these items to recycle. We provide the drop-off as a free service, but the recyclers charge us to process them.	The main obstacle of the televisions is on the recyclers. They are getting all these materials, but they cannot process them fast enough. It is not really our problem because as soon as we have a load full, we ship it out to the recyclers anyway.	No
4 The only real problem we have is dealing with these televisions. We want to dispose of them properly, but with the ones that don't work, we have to pay for the glass to be processes. We collect them for no charge, though.	Something needs to be done about the options available to us to process the glass. As more restrictions are brought in, with only a few places that accept the glass, the price of properly disposing of the glass increases too much.	No
5 The biggest problem is still dealing with the large CRT items. IA System: -Doesn't have any fees @ point of sale -Report: CRTs vs Non-CRT containing items -Report: Business vs. Residential -Report: lbs outbound material, not itemized -No registration fee -No funding mechanism She prefers the IA system mainly because she isn't receiving any of the money from the manufacturer contracts and the categories that you have to report to IL is too much.	Decrease the categories that need to be reported. Why would electronic keyboards and mice have to be reported separately? Getting it down to 3 or 4 categories would be good.	No
6 The high cost of recycling that CRT glass is the biggest obstacle.  We have also noticed a problem with manufacturer agreements adjusting. When we first started out, it was not hard to get a manufacturer agreement, but these days it seems like nobody is there to offset the costs of handling these CRT items.	It would be helpful if the number of categories to report on were limited.  It's like we set the bar too low for the manufacturers. It seems like they are easily meeting the weight requirements, but I don't really have an answer about how to deal with that. In Connecticut, we have to report the recycled materials back to the manufacturer that produced it. It's more difficult, but it puts more responsibility on the individual manufacturers.	The real trick here is to find the best place for the CRT glass. We have the proprietary Peoria glass disposal company, but I hate to see what's happening to this stuff.  I know we want this to be free for residents, but maybe we have to charge them. Home-pick up would be a nice service.
7 Being a new company in this area, we are struggling with developing our client list and finding downstreams for certain materials, like some CRTs (we do process them internally, too) and certain batteries (cellphones batteries are profitable but others cost money for us to take care of).	With regards to the laws, somehow we need to make manufacturers responsible for paying the processors a fair/honest price for their goods. Right now they are paying only as much as they can get away with, but we need to stop this low-balling. We don't have a contract with a manufacturer, and we do not do a lot with residential ewaste (not high volumes anyway). We don't have any motivation to go down that path either because we know that it's not worth the effort. Residential ewaste has a lot more stuff of little to no value that has been sitting in a basement for years.	No
8 Laws. Not having the proper procedure for handling stuff like CRTs. It's hard to find good downstream places to take some of our materials.	No suggestions.	The two main certifications for recyclers seem to be fighting against each other, and not working together well. They each blame the other one that they are not doing the right thing. I would like to see them work together better.
9 Depending on the state, the regulations and certifications do not always match up that well. Sometimes they are overkill. Other times they are on par.  We need to define who is what. More time needs to be in outline very specifically what is a collector, what is a recycler and what that means.	How, on a state-level you can easy into something that bounces ideas off each, maybe easing into a Q and A with peers.	No
10 No obstacles.	No suggestions.	No
11 Some of the requirements of the certifications are major obstacles. We are R2 certified and the most difficult aspect of being certified with them is the requirement to follow these materials to the end-of-life. This means that we need to monitor all our downstream vendors until the product is disposed of properly.	No suggestions. (since we are just starting out)	No
12 1) Transportation Costs 2) There is a very limited amount of places that process the CRT glass	No suggestions.	No
13 None, other than IL annual collector Registration and Reporting is burdensome.	No suggestions.	No
14 Too many CRTs vs Not enough value materials No business will stay in business long if all they are dealing with are these CRTs. You need to have a stream of more valuable materials, or need to have deals with retailers, something. OEMs hire us to make sure they stay within compliance cross states. We do also receive some money from the OEMs for our CRTs.	One thing I have noticed, especially in some other states, is that there is a defined target for OEMs to reach, but once they reach that target, they do not have any incentive to continue buying materials so they cease operations. All of a sudden, there is nobody to buy these net-negative materials. IL should consider incentivizing OEMs to over-collect to prevent this from happening.	Nation-wide, CRTs are a major concern.