

SOLID WASTE AND RECYCLING MANAGEMENT PLAN



*Solid Waste Management Plan Update for
Perry County*

Meeting 3 – August 27, 2024



AGENDA

Speakers:

Tyler Carpenter

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Welcome and
Introductions



Planning Review



Survey
Responses



Public Education
and Outreach



Management
Measures



Future Planning
and Timeline

PLANNING REVIEW

Meeting 1- June 13, 2023

- Required Forms
 - Advisory Committee Form
 - Municipal Surveys
- Grant amendments
- Planning Process

Meeting 2- January 22, 2024

- Participation Requirements
- Planning Components
 - Regional Planning Updates
 - Waste Generation and Composition
 - Materials Management
 - Public Education and Outreach
 - Management Recommendations
- Survey Information

PLANNING REVIEW

- Municipal Involvement
- Public Involvement
- Outreach/Education

Greater Egypt Region Waste & Recycling Facilities

Tire Disposal

Metal Recyc

Landfills

Transfer Stati

Recycling Dro

Recycling Cent

SAVE THE DATE

Perry County Solid Waste Management Plan Questionnaire for municipalities

Name of City/Village:

1) Does your municipality have scheduled trash pick-up? Yes No
 If yes, Does the municipality run the program or do you contract with a private hauling company?

2) Does your municipality have scheduled recycling pickup? Yes No
 If yes, Does the municipality run the program or do you contract with a private hauling company?

3) Does your municipality have scheduled yard waste pickup? Yes No
 If yes, Does the municipality run the program or do you contract with a private hauling company, and how is the yard waste disposed of (composting center, chipped, burned)?

4) Does your municipality have recycling drop off locations? Yes No
 Locations:

5) Does your municipality have electronic recycling events? Yes No
 Frequency & locations:

HOUSEHOLD CHEMICAL COLLECTION EVENT
June 1, 2024 - 8:00AM-3:00PM

ACCEPTED

- Motor Oil
- Rechargeable Batteries
- Mercury
- Antifreeze
- Thermometers
- Degreasers
- Solvents
- Fluorescent lightbulbs
- Old medications in original packages

NOT ACCEPTED

- Explosives
- Ammunition
- Fire Extinguishers
- Smoke Detectors
- Propane Tanks
- Medical Waste
- Radioactive Material
- Fireworks
- Tires
- Alkaline Batteries
- Lead Acid Batteries
- Electronics
- Appliances
- Needles
- Syringes
- Controlled Substances

al, industrial, or governmental wastes accepted. Do NOT bring in empty paint cans. Call prior to event if you have containers larger than 5 gallons in size.

Public Health
Protect. Promote. Protect.
Perry County Health Department

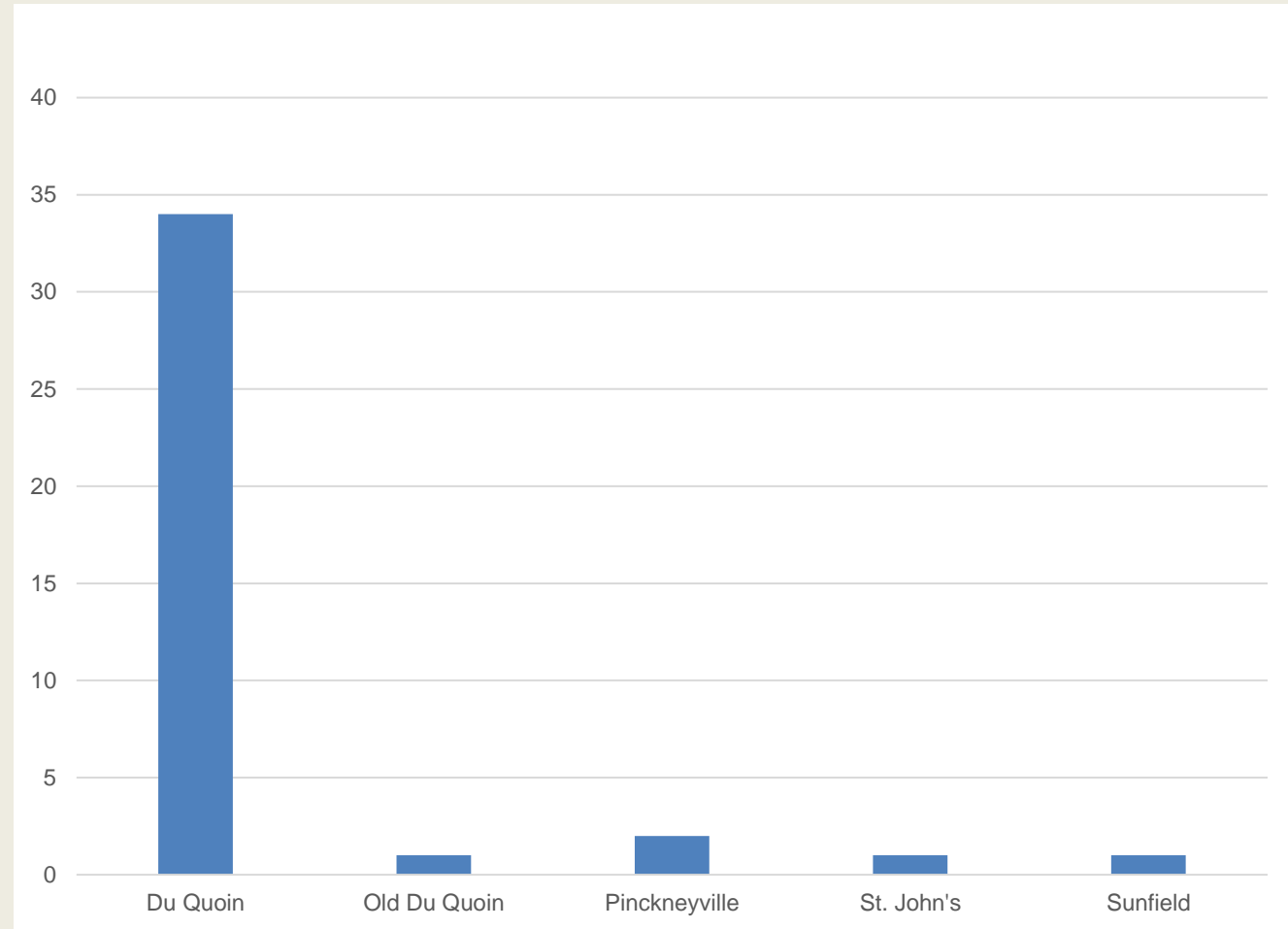
SOUTHERN ILLINOIS UNIVERSITY SUSTAINABILITY

Becky Tracy, Perry County

PLANNING PROCESS: Public Survey

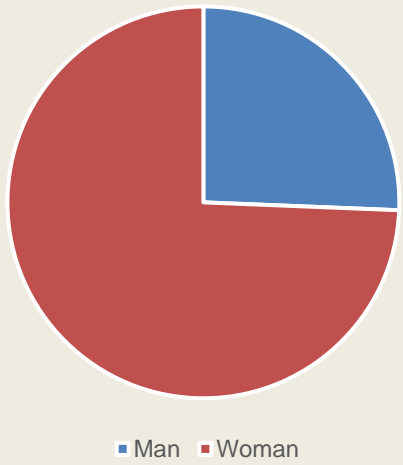
Public Survey

- 39 responses
- **What city, village, or township do you live in?**

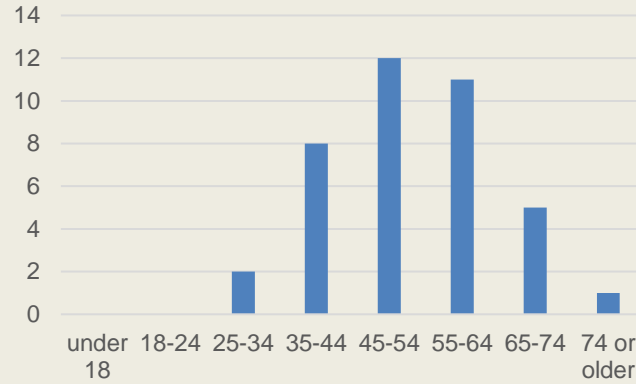


PLANNING PROCESS: Public Survey Demographics

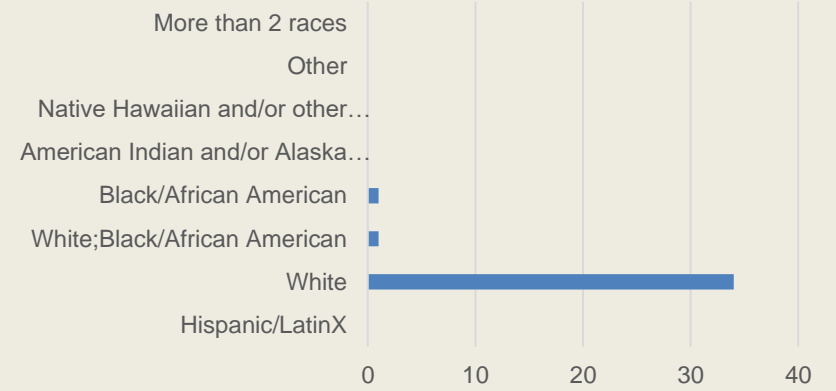
Gender



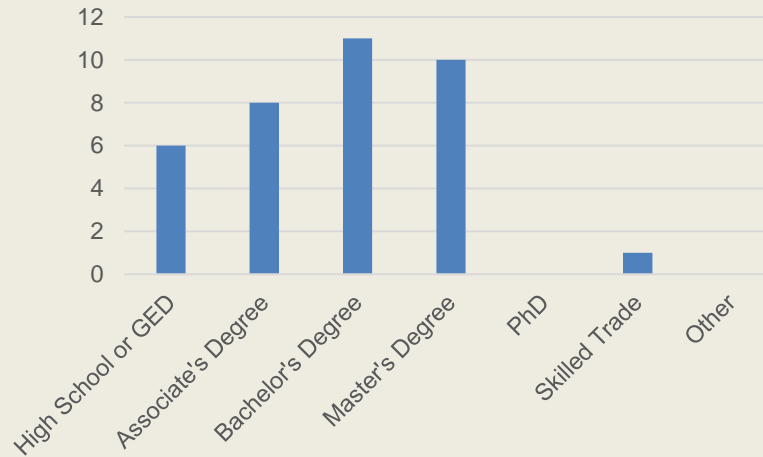
Age



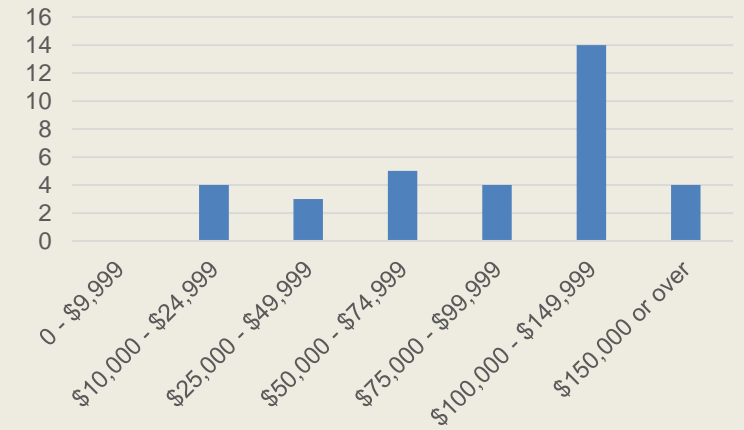
Race



Education

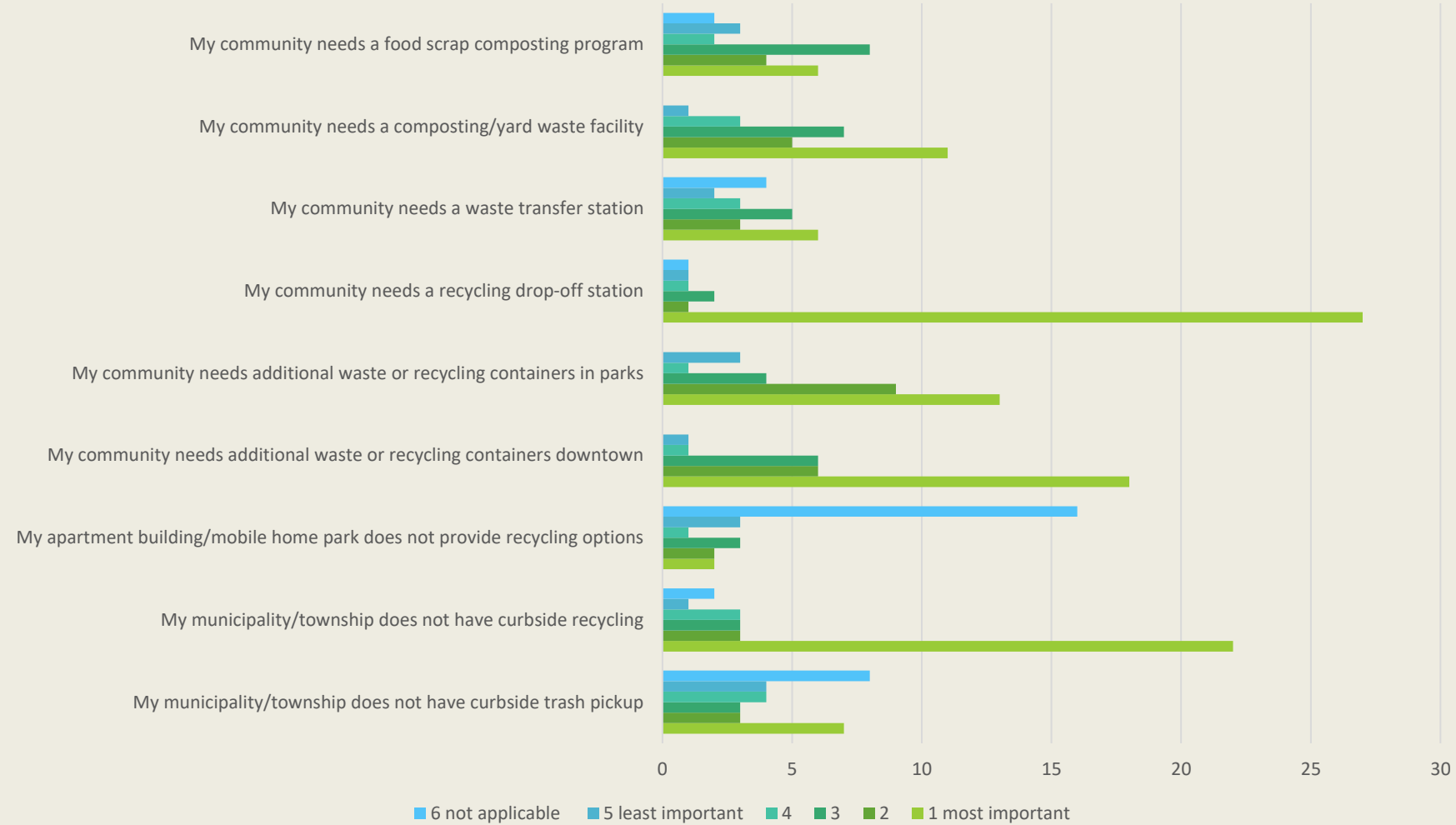


Household Income



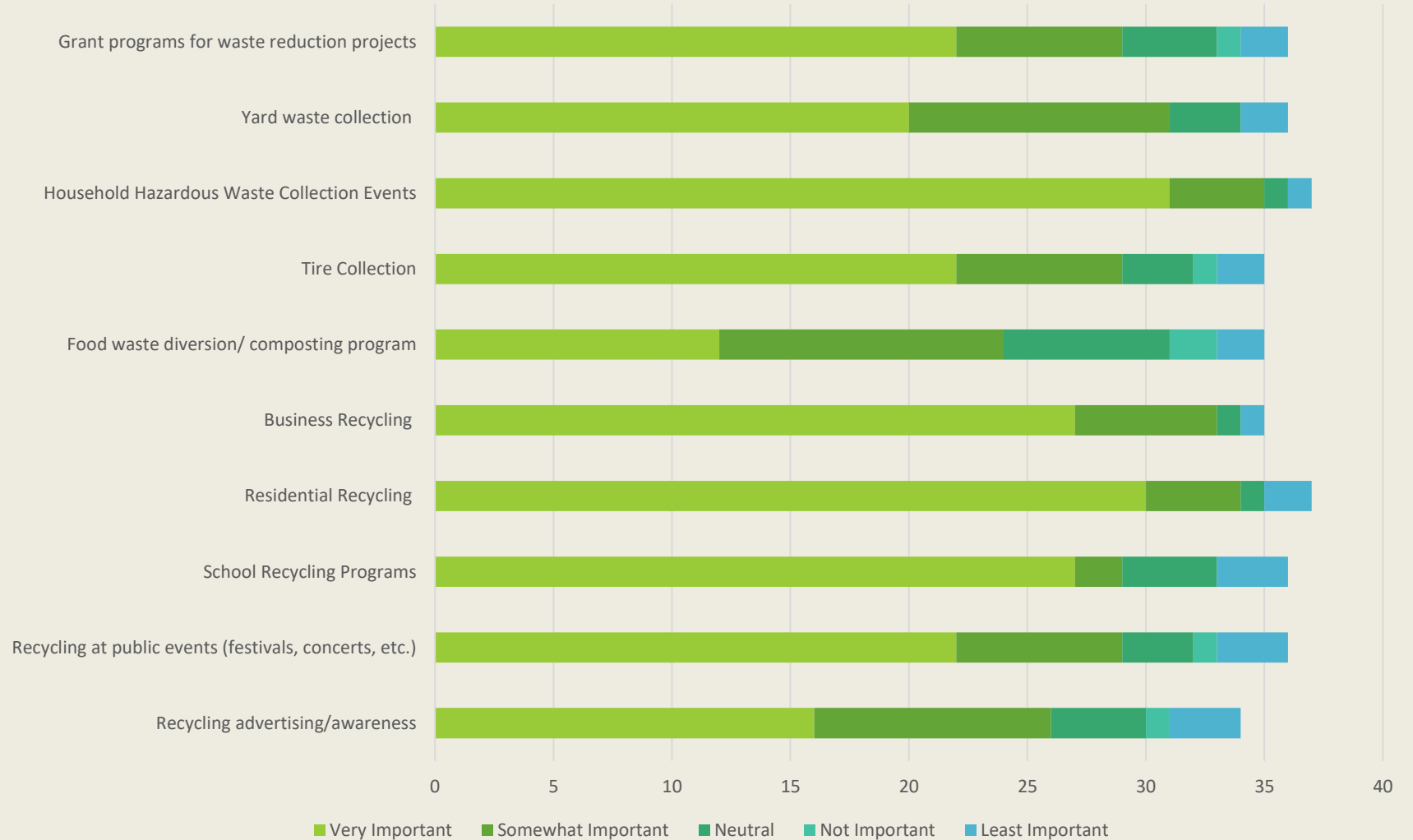
PLANNING PROCESS: Public Survey

- **What do you see as the biggest waste and recycling issues you face within your community in the next 5 – 20 years?**



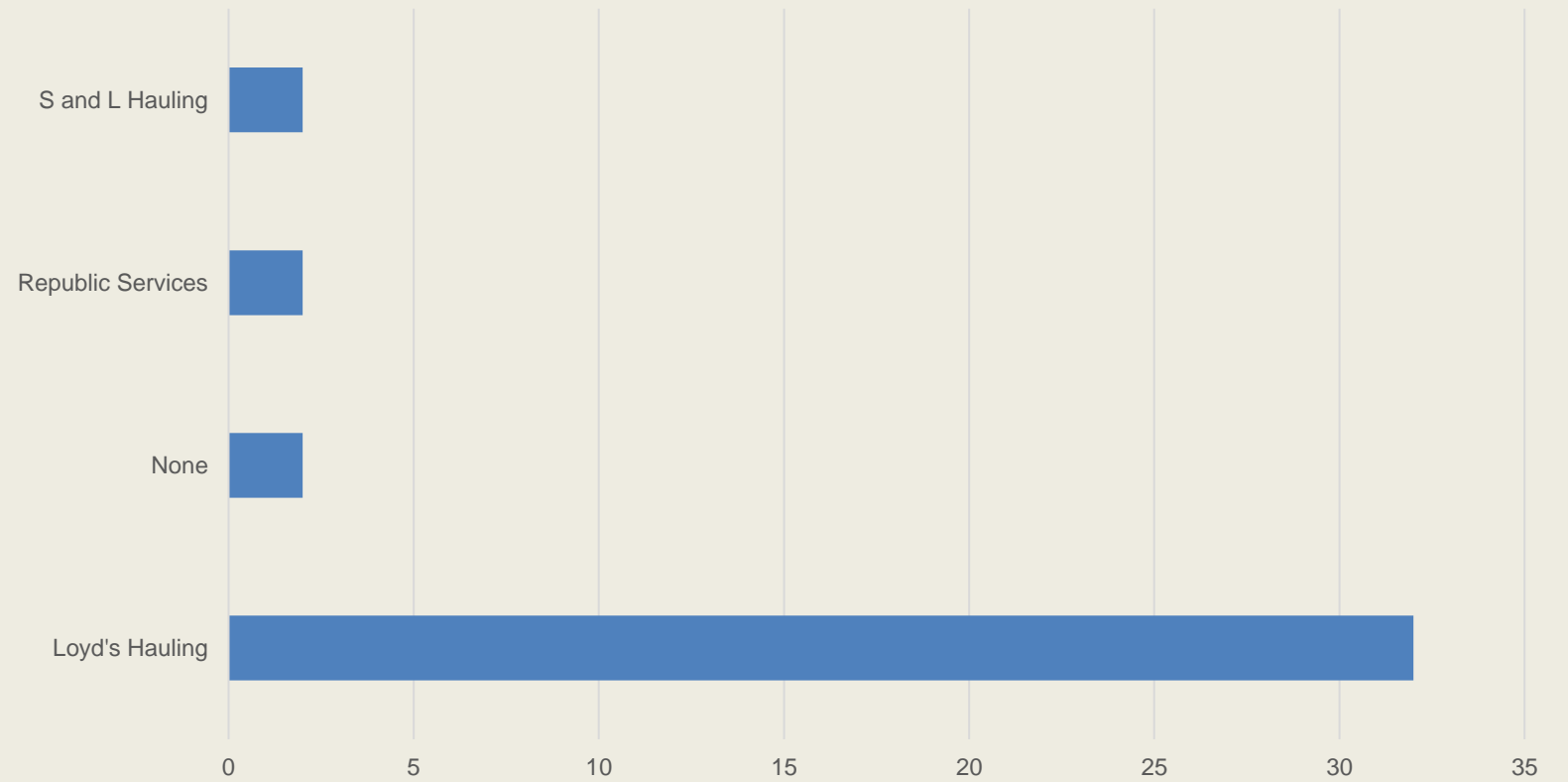
PLANNING PROCESS: Public Survey

- In your opinion, what is the importance of the following potential and existing waste management programs in Perry County?**



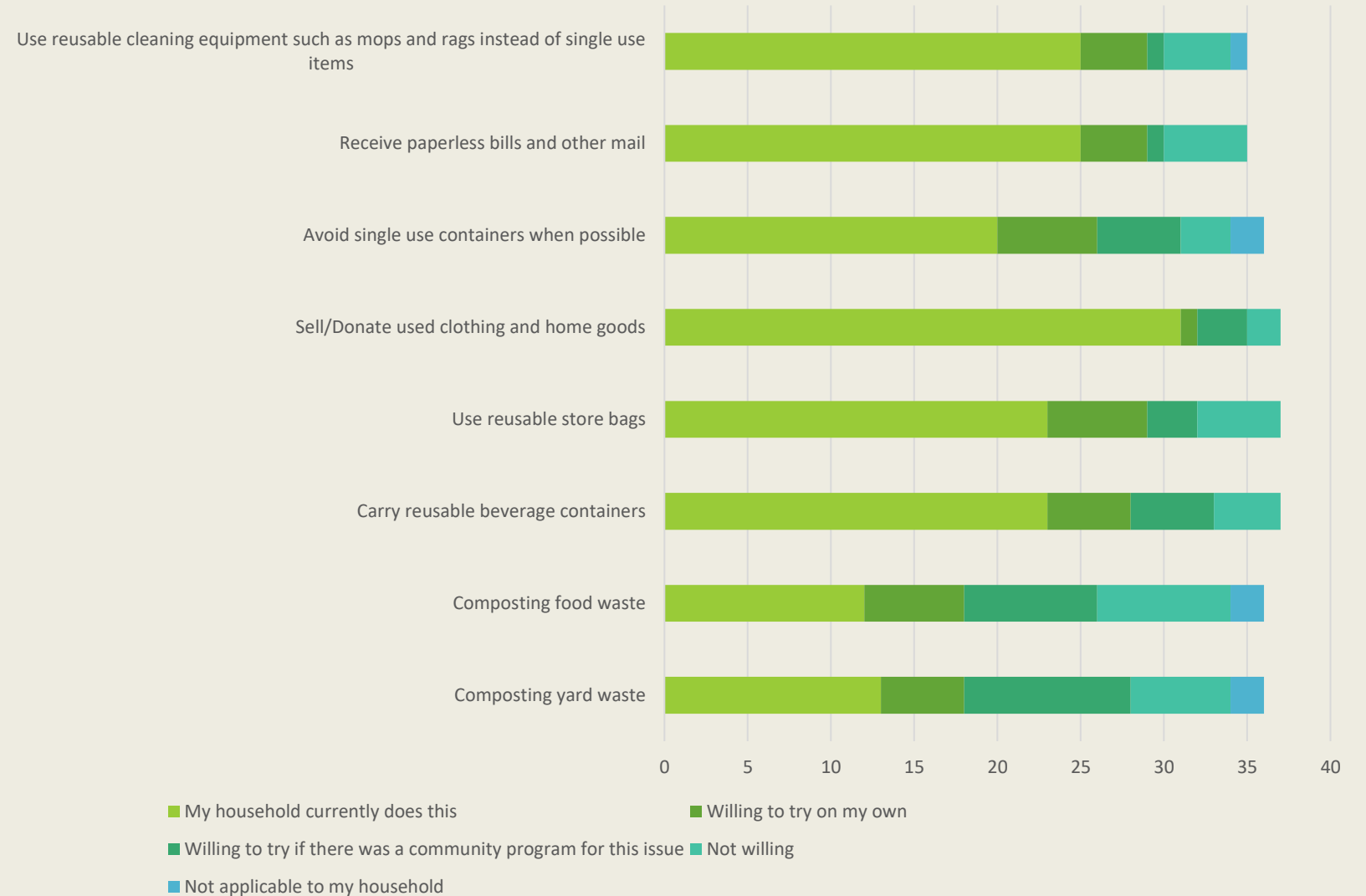
PLANNING PROCESS: Public Survey

- **Who is your waste hauler?**



PLANNING PROCESS: Public Survey

- **How willing would your household be in utilizing the following waste reduction techniques?**



PLANNING PROCESS: Public Survey

- **Comments**

- *No recycling drop off in Du Quoin*
- *Facilities, programs and information availability.*
- *Driving across the county to recycle*
- *Cost & people misusing the current recycling bins*
- *It is not easy to get rid of paint cans, electrical items and anything trash company will not take.*
- *There is no place to get rid of yard waste.*
- *I live in rural Du Quoin & currently pay Second Cycle to pick up my paper & plastics recycling totes. I don't think enough people realize this is an option.*

PLANNING PROCESS: Hauler Survey

- Four responses

County	Rural Trash Services LLC	Big Dawg Disposal	Quivey Sanitation, Inc.	Republic Services, Inc.
Franklin				
Jackson				
Jefferson				
Perry				
Williamson				

PLANNING PROCESS: Hauler Survey

- **What services do you provide?**

Services	Rural Trash Services LLC	Big Dawg Disposal	Quivey Sanitation, Inc.	Republic Services, Inc.
Curbside trash hauling	Green	Orange	Green	Green
Curbside recycling	Green	Orange	Orange	Green
Commercial trash	Green	Orange	Green	Green
Commercial recycling	Green	Orange	Orange	Green
Rolloff dumpster rentals	Orange	Green	Green	Green
Contract with cities for curbside program (trash	Orange	Orange	Green	Green
Contract with cities for curbside program (trash	Orange	Orange	Orange	Green
Yard waste composting	Orange	Orange	Orange	Green
Food waste composting	Orange	Orange	Orange	Orange
Restauraunt oil recycling	Orange	Orange	Orange	Orange
other	Orange	Orange	Orange	Orange

Bulk Item Pickup - customer calls for a one-time pickup for a large item or a larger number of bagged items

PLANNING PROCESS: Hauler Survey

- **Where do you take the waste that you collect?**

Location	Rural Trash Services LLC	Big Dawg Disposal	Quivey Sanitation, Inc.	Republic Services, Inc.
Perry Ridge Landfill				
West End Landfill				
Southern Illinois Regional Landfill				
Herrin Transfer Station				
Mt. Vernon Transfer Station				

- **Where do you take the recycling that you collect?**

Location	Rural Trash Services LLC	Big Dawg Disposal	Quivey Sanitation, Inc.	Republic Services, Inc.
Southern Recycling (CRC recycling)				
TNT Metal				
Herrin Transfer Station				
Republic Services Recycling Southside MRF				

PLANNING PROCESS: Hauler Survey

- **Where do you take yard waste that you collect?**
- **What are some issues that your company faces?**

Location	Rural Trash Services LLC	Big Dawg Disposal	Quivey Sanitation, Inc.	Republic Services, Inc.
New Earth Compost, Carterville	NA	NA	NA	

Issue	Rural Trash Services LLC	Big Dawg Disposal	Quivey Sanitation, Inc.	Republic Services, Inc.
Cost of landfill/transfer station disposal				
Cost of recycling				
Lack of transfer stations in the southern Illinois area				
Lack of recycling facilities in the southern Illinois				
Lack of yard waste composting facilities in				
Recycling contamination				
Loss of customers				
Difficult to hire and/or retain staff				
Rural areas difficult to service				
Other (explain)				

PLANNING PROCESS: Hauler Survey

- If you offer trash hauling but not recycling, what are the reasons preventing your company from providing this service?

- If food waste composting was an option in southern Illinois, is this a service your company could provide hauling for?

Issue	Rural Trash Services LLC	Big Dawg Disposal	Quivey Sanitation, Inc.	Republic Services, Inc.
Recycling Obstacle	Plastic recycling is limited to only grade 1 and 2	NA	Recycling is expensive to get rid of	NA

Answer	Rural Trash Services LLC	Big Dawg Disposal	Quivey Sanitation, Inc.	Republic Services, Inc.
Yes				
No				
Unsure at this time				

CURRENT PLANNING: Where is local solid waste going?

- **Landfills**

- Perry Ridge – Perry County
- West End – Saline County
- Southern Illinois Regional – Jackson County

- **Transfer Stations**

- Energy
- Herrin
- Mt. Vernon
- Metropolis
- Sparta

- **Yard Waste Composting**

- New Earth Compost - Carterville

CURRENT PLANNING: Where is local solid waste going?

- **Recycling Centers – Various materials**

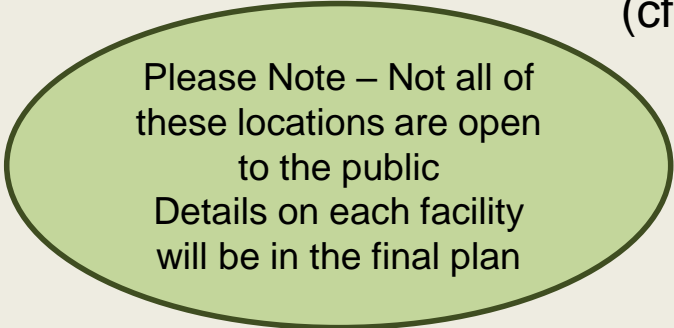
- CRC Southern Recycling – Carbondale
- Southside MRF Recycling Republic Services – St. Louis
- Progress Port - Carterville

- **Recycling Centers - Metal**

- Cimco Recycling – Marion & Carbondale
- T & T Recycling – Hurst & Benton
- Milano Metals & Recycling – Mt. Vernon
- Tilly's Salvage Yard - Elkville

- **Recycling Centers - Specialty**

- Ashalex Recycling – Marion
(commercial construction/demolition waste)
- Midwest Tire Disposal – Benton
- Egyptian Electric Co-Op – Murphysboro
(cfl lightbulbs only)



Please Note – Not all of these locations are open to the public
Details on each facility will be in the final plan

CURRENT PLANNING: What are the barriers and challenges to waste hauling in southern Illinois?

- Cost of disposal
- Cost of recycling
- Lack of recycling facilities
- Lack of yard waste facilities
- **Recycling contamination**
- Difficult to hire/retain staff
- Rural areas difficult to service
- Difficult to maintain equipment
- Plastic recycling capabilities limited to #1 & #2
- Little interest in hauling food waste even if a composting facility existed



CURRENT PLANNING: What are the barriers and challenges to waste hauling in southern Illinois?

- **Recycling contamination**



Public Outreach and Education

All Year - Annual Event – Biannual Event – Infrequent

- Medical Sharps Disposal
- Chemical Collection
- Holiday Lights Collection
- Pumpkin Smash
- Shred/Med Day
- Paint Swap Events
- Electronics Drives

SAVE THE DATE
PERRY COUNTY CLEAN-UP DAYS

Free Dump Days
Friday, May 31 - 8:00 AM - 3:00 PM &
Saturday, June 1 - 8:00 AM - 11:00 AM
Perry Ridge Landfill 6305 Sacred Heart Road, Du Quoin, IL
The landfill will accept any waste that is normally accepted at the landfill. No landscape waste, tires, hazardous chemicals, hazardous household waste or banned electronics will be accepted.
Absolutely No Businesses, Dump Trucks or Semis. This event is for Perry County residents only. ID and proof of residency will be required.

Electronics Recycling
Saturday, June 1 - 9:00 AM - 12:00 PM
Perry County Government Building located at
3764 State Route 13/127.
Recycle anything with a cord and anything metal! Bring us your servers, switches, PC towers, printers, copiers and other technical equipment. We also accept landline phones, cable boxes, cell phones, wireless modems, servers, audio and video equipment, cables, holiday lights, home electronics, printers, additional telecommunication items, and lead acid batteries. All types of CRT, console, projection, plasma, and flat screen TVs, along with computer monitors. We will also accept dehumidifiers and white goods (refrigerators, freezers, washers, dryers, etc...)

Document Shredding Event
Saturday, June 1 - 9:00 AM - 11:00 AM
Perry County Highway Department,
3698 State Route 13/127, Pinckneyville, IL

Becky Tracy, Perry County Solid Waste & Recycling 618.357.3267

Stericycle Shred-it

Public Outreach and Education

- Reusables at Food Service Entities

Other Illinois/IEPA Legislation:

- HB1837 – Burning of Landscape waste changes in the IEPA Act
- SB3686 – Battery stewardship program – IEPA
- SB2876 – Large Event facilities required to compost organic waste and transfer recyclables
- SB 0839 – IEPA Act & Paint stewardship – postconsumer paint options

Management Measures

Recycling	Comprehensive County-wide education/information programs should be implemented promoting recycling and source reduction.	
	Drop off recycling containers should be established at four to six locations throughout the County.	
	At some outlying drop-off locations it may also be desirable to set up MW dumpsters to serve self-haulers and thus minimize opportunities for contamination of the recyclable materials.	
	One or more mixed waste processing facilities ("dirty MRF's") should be established in the County to serve areas where curbside programs are not provided. Such facilities would also function as transfer stations. To facilitate material recovery, residents should be asked to put recyclable materials in blue bags.	
	An education/information program, promoting commercial/institutional/industrial recycling and source reduction, should be implemented throughout the County	
	Recycling (and source reduction) programs should be established in all major County, municipal, school and other local government facilities.	
	County, municipalities and school districts should revise their procurement practices and specifications to promote the re-use of recycled materials.	
	All business and institutions with more than 100 employees should be required to designate recycling coordinators and phase-in source separation of corrugated, paper and two or three other materials. Depending on program performance, smaller establishments can be phased-in in <i>the</i> future	
	Major shopping centers should designate recycling coordinators and be required to provide recycling opportunities for their tenants that result in source separation of corrugated, paper and two or three other materials	
	Haulers serving businesses and institutions should be required to collect the source separated materials and make arrangements for processing and marketing	

Management Measures

Component	Task	Implementation
Source Reduction	Comprehensive County-wide education/information programs should be implemented promoting source reduction and recycling.	
	Current activities and programs of citizen groups should be intensified and coordinated with other programs.	
	Commercial/institutional/industrial generators should seek technical assistance and perform waste audits so as to reduce their waste stream and increase recycling.	
	Source reduction (and recycling) programs should be established in all major County, municipal and school facilities.	
	County, municipalities and school districts should revise their procurement practices and specifications to promote source reduction and recycling.	

Management Measures

Combustion	It does not appear that the development of a WTE facility is currently feasible or desirable in the Greater Egypt Region.	
	Incineration is a municipal waste disposal option not recommended at this time due to high development and life cycle costs and regulatory uncertainties.	
Landfill	Municipalities and haulers in the County should continue to utilize the Southern Illinois Regional and other County landfills unless other more economical or more convenient options become available.	
	County should support the development of new landfills or expansions in adjacent counties so as to provide long term capacity and more competitive market conditions, providing that such developments meet all current environmental and fiscal requirements.	

Management Measures

- Expand management ideas

FUTURE PLANNING AND TIMELINE



Meeting 4 (if needed)

October/September



Plan Draft to Planning Members

October



Final Review/ Draft to IEPA

November



Submit Final Draft to IEPA

December

Thank you!

- <https://greateregypt.org/solid-waste-planning/>
- Minutes to be posted