

TRI- COUNTY SOLID WASTE MANAGEMENT PLAN



*Five-Year Solid Waste Management Plan Update for:
Franklin, Jefferson, and Williamson Counties*

Meeting 2



AGENDA

Speakers:

Tyler Carpenter

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Kelsey Bowe

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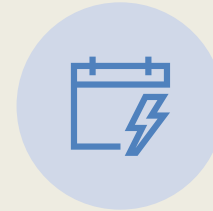
Welcome and
Introductions



Planning Review



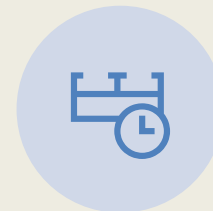
Planning
Process



Current Planning



Public Education
and Outreach



Future Planning
and Timeline

PLANNING REVIEW

- Meeting 1- May 25, 2023
- Planning Public Announcement (July 5 - 8)
 - Benton News
 - Centralia Sentinel
 - Marion Republican

PLANNING PROCESS/ REQUIREMENTS

County Coordinators

- Franklin County – Angela Evans, *County Commissioner*
- Jefferson County – Amy Harrison, *Administrator, Jefferson County Health Department*
- Williamson County – Alex Simpson, *Supervisor of Assessments*

Advisory Committee

- Meeting attendees, county/city officials
- Reach out to others

PLANNING PROCESS/ REQUIREMENTS

Participation Requirements

- All municipalities must participate in the planning process
- Participation can be met through:
 1. Meeting attendance
 2. Completed Waste/Recycling Questionnaire

PLANNING PROCESS/ REQUIREMENTS

Waste/Recycling Survey

- One month to complete
- Additional questions

Tri-County Solid Waste Management Plan Questionnaire for municipalities



Name of City/Village:

County:

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 recycling drop off locations? Yes No

and locations:

4) Does your municipality have electronic recycling events? Yes No

#/year and locations:

5) Does your municipality conduct large waste pickup events or host free dump days? (Furniture, home construction waste, etc.) Yes No

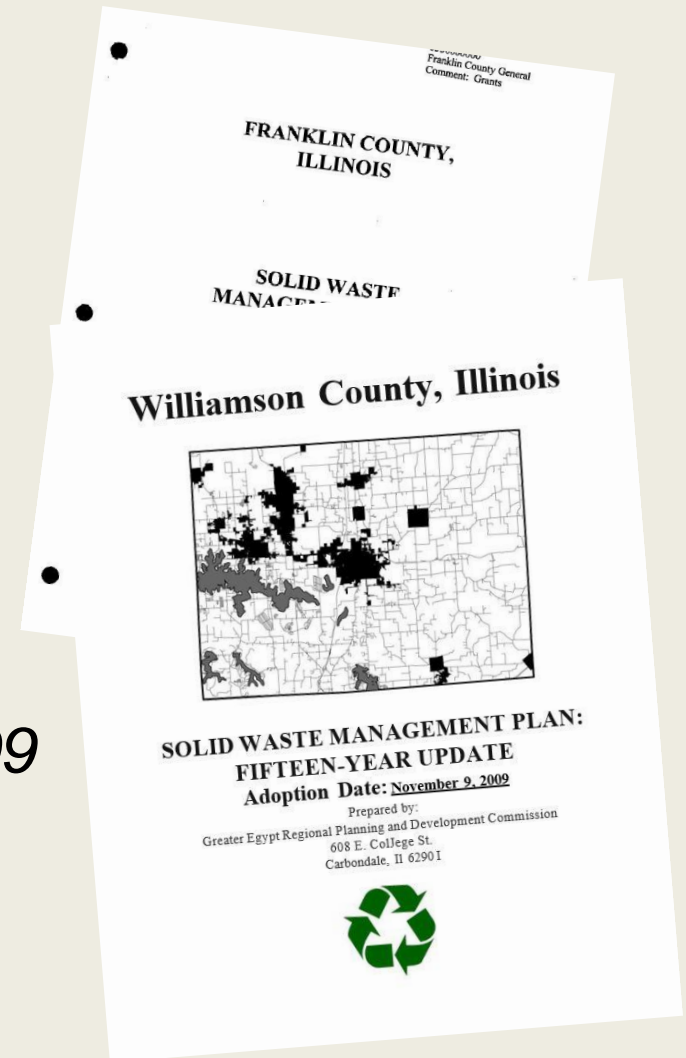
#/year and locations:

6) If your municipality has no waste services, would you like to suggest any for future consideration? These suggestions will be added into the Plan but you will not be required to implement them. (Can be suggested but contingent on funding/resources)

PREVIOUS PLANNING EFFORTS

Previous Planning Efforts

- Franklin County – *Ten Year Update, November 2006*
- Jefferson County – *No available data*
- Williamson County – *Fifteen-Year Update, November 2009*



PREVIOUS PLANNING EFFORTS

Component	Task	Implementation	
		Franklin	Williamson
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.		

PREVIOUS PLANNING EFFORTS

Recycling	Comprehensive County-wide education/information programs should be implemented promoting recycling and source reduction.	Yellow	Green
	Drop off recycling containers should be established at four to six locations throughout the County.	Orange	Orange
	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.	Orange	Green
	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.	Orange	Orange
	An education/information program, promoting commercial/institutional/industrial recycling and source reduction, should be implemented throughout the County	Yellow	Green
	Recycling (and source reduction) programs should be established in all major County, municipal, school and other local government facilities.	Yellow	Yellow
	County, municipalities and school districts should revise their procurement practices and specifications to promote the re-use of recycled materials.	Yellow	Orange
	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	Orange	Yellow
	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	Orange	Green
	Haulers serving businesses and institutions should be required to collect the source separated materials and make arrangements for processing and marketing	Orange	Yellow

CURRENT
PLANNING

Plan
Outline

Introduction and County Background

Regional Plan Updates

Waste Generation and Composition

Materials Management

Public Education and Outreach

Management Recommendations

CURRENT PLANNING

Available Data and Information

- *Franklin County – Ten Year Update (2006)*
- *Williamson County – Fifteen-Year Update (2009)*

- *Illinois Commodity/Waste Generation and Characterization Study (2015)*
- *Illinois Electronics Recycling Program Report, IEPA (2019)*
- *Illinois Materials Management Advisory Committee Report to the General Assembly (2021)*
- *Illinois Landfill Disposal Report, IEPA (2022)*
- *Hazardous Materials Emergency Planning Program, IEMA (ongoing)*

CURRENT PLANNING

Waste Generation and Composition

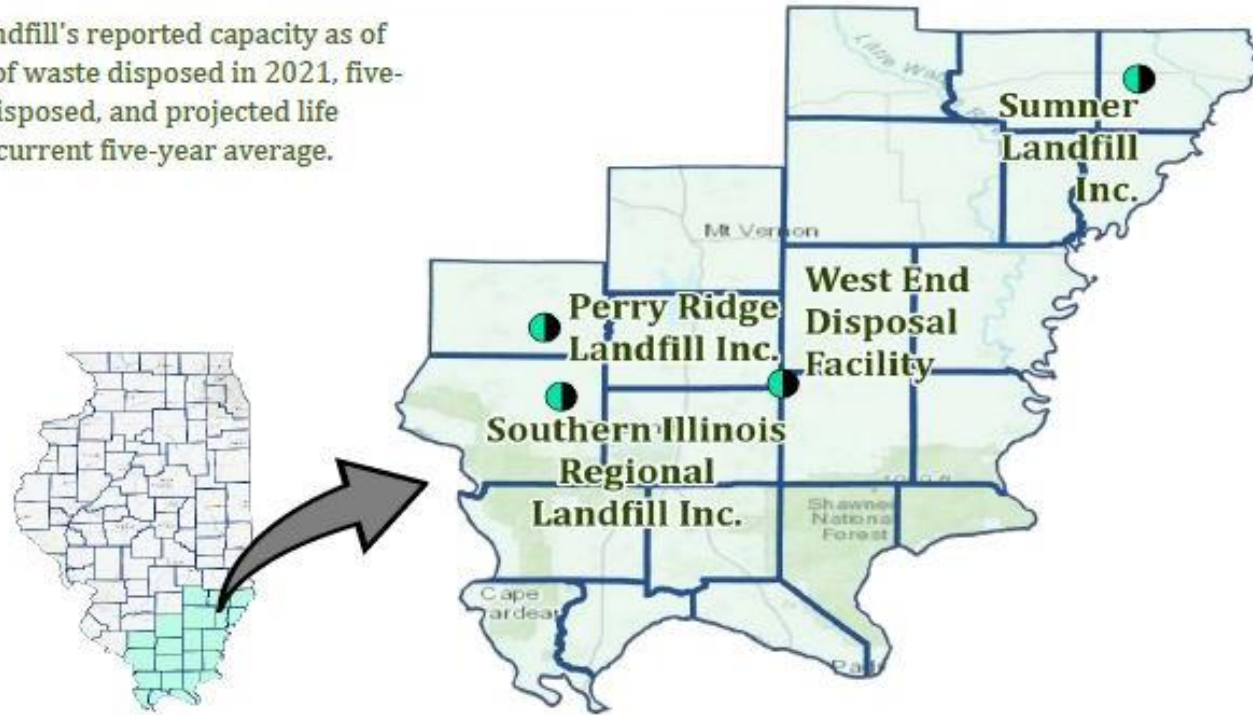
- Sources
- Quantities
- Residential vs Commercial

- Residential
- Landfill
- Recyclables

CURRENT PLANNING

	Disposal Volume Reported (Gate cy)	Disposal Volume (Post-Compaction In-place cy)	Five-Year Average Disposal Volume (In-place cy)	Remaining Capacity Reported (In-place cy)	Lifetime Expectancy (Year)
Region 7: Southern Illinois					
Perry Ridge Landfill Inc.	237,875	228,726	183,364	11,147,038	61
Southern Illinois Regional Landfill Inc.	1,080,051	432,020	436,069	17,693,371	41
Sumner Landfill Inc.	203,054	92,297	94,490	2,715,307	29
West End Disposal Facility	283,513	141,757	139,833	12,059,699	86
Totals:	1,804,493	894,800	853,755	43,615,414	51

The table reflects each landfill's reported capacity as of January 1, 2022, volume of waste disposed in 2021, five-year average of volume disposed, and projected life expectancy based on the current five-year average.



CURRENT PLANNING

Name	County	Address	Contact	Disposal Volume Reported (gate cy)	Disposal Volume (post-compaction in-place)	5 Year average Disposal Volume (in-place cy)	Capacity Reported (in-place cy)	Lifetime expectancy (year)
Perry Ridge Landfill Inc.	Perry	6305 Sacred Heart Rd Du Quoin IL	http://www.perryridgelandfill.com/	237,875	228,726	183,364	11,147,038	61
Southern Illinois Regional Landfill Inc.	Jackson	1540 Landfill Rd, De Soto, IL 62924	https://www.republicservices.com/customer-support/facilities#landfills	1,080,051	432,020	436,069	17,693,371	41
			16188672909					
West End Disposal Facility	Saline	1710 McFarland Rd #2061, Thompsonville, IL 62890	https://www.westendlandfill.com/	283,513	141,757	139,833	12,059,699	86

CURRENT PLANNING

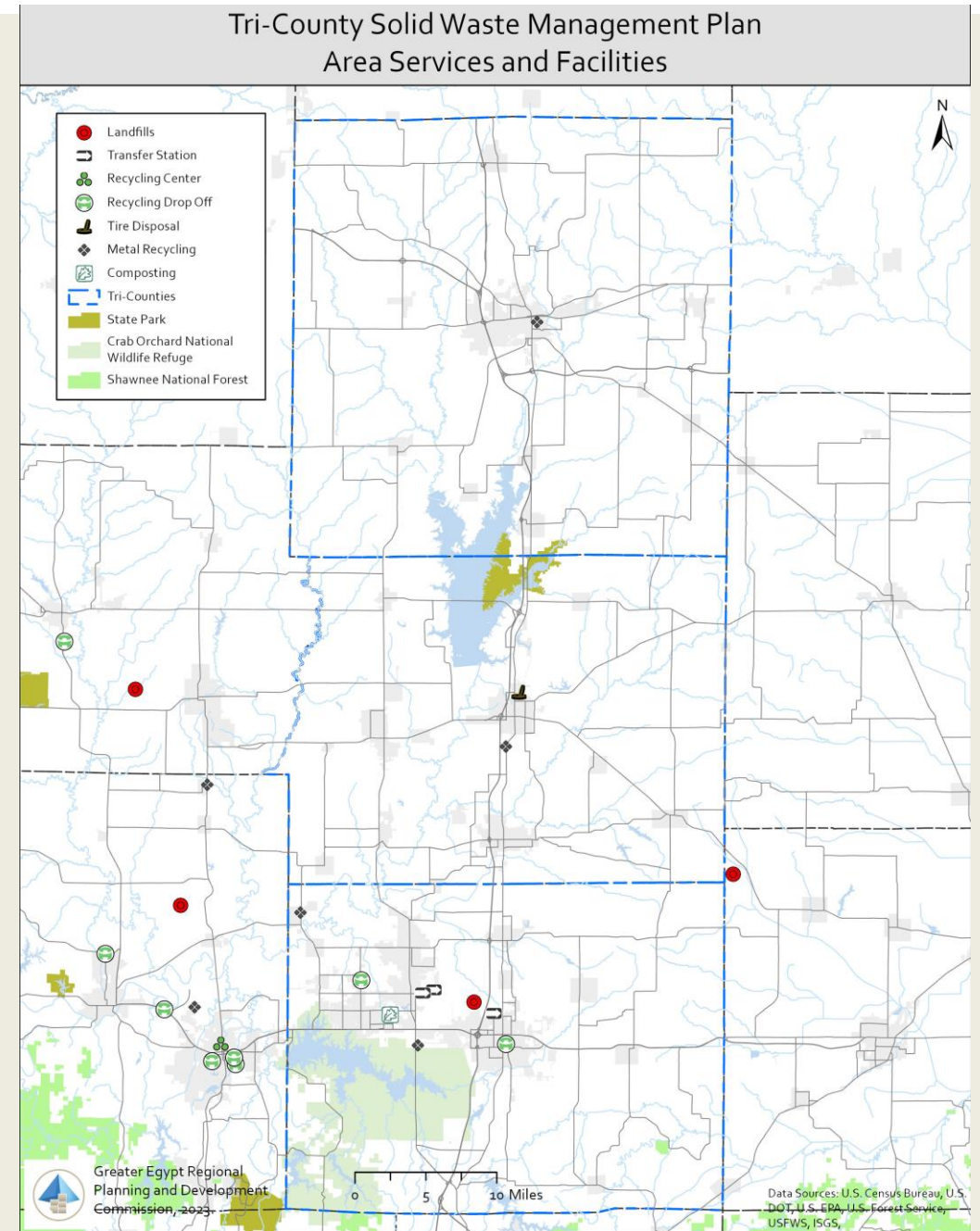
*Illinois Commodity/Waste
Generation and Characterization
Study (2015)*

Material Generation	County Generation (lb/yr)		
	Franklin	Jefferson	Williamson
Paper	10,070	15,390	21,890
Beverage Containers	80	80	150
Plastic	5,590	5,560	9,780
Glass	1,700	1,680	2,910
Metal	2,450	2,400	4,170
Organics	10,880	10,830	19,050
Inorganics	3,480	3,400	5,940
Textiles	1,800	1,810	3,170
Household Hazardous Waste	530	510	910
Construction and Demolition Debris	9,070	8,930	20,040
Total MSW Tons	45,650	50,590	88,010

CURRENT PLANNING

Infrastructure

- Composting
- Landfills
- Metal Recycling
- Recycling Center
- Tire Disposal
- Transfer Station



CURRENT PLANNING

Materials Management

- Minimize Waste
- Traditional Materials Recycling and Diversion
- Non-traditional Materials Management

PUBLIC EDUCATION AND OUTREACH



Information and Messaging

Align with county goals



Public Meetings

Involve public during the planning process



Waste Pickup Events

Coordinated by county or collaborate with local businesses



School Programs

Assessment of school programs
Needs from schools/districts

FUTURE PLANNING AND TIMELINE



Return Solid Waste & Recycling
Questionnaire

September 15, 2023



Meeting 3

November



Draft Release

December



Meeting 4 (Final Review)

December/January

Thank you!

- <https://greateregypt.org/solid-waste-planning/>
- Look for survey/questionnaire in your email (next week)