



**SOLID WASTE PLAN ADVISORY COMMITTEE  
FEBRUARY 26, 2019**

**I. CALL TO ORDER**

Ms. Gilmour called the meeting to order at 5:00 p.m.

**II. ROLL CALL**

Members Present: John Church, Cliff Fox, Tom Fleming, Judy Gilmour Bob Hausler, Jennifer Hughes, Stan Ludwikowski, Todd Milliron, Diane Selmer, Brenda Ulrich, Erin Willrett and Scott Gryder at 5:10 p.m.

Members absent: John Shaw

Staff present: Steve Curatti, Marlin Hartman, Scott Koepfel, Becki Rudolph, Aaron Rybski and Dr. Amaal Tokars.

Guests: Katie Neary, LRS Recycling

**III. DETERMINATION OF A QUORUM**

A quorum was present

**IV. APPROVAL OF AGENDA**

Mr. Hausler moved to approve the agenda. Mr. Milliron seconded the motion. The motion approved unanimously by voice vote.

**V. INTRODUCTIONS**

Ms. Gilmour thanked everyone for coming. Everyone introduced themselves.

**VI. PUBLIC COMMENT**

None

**VII. KENDALL COUNTY HEALTH DEPARTMENT EXECUTIVE DIRECTOR COMMENTS – DR. TOKARS**

–Reviewed items on the table: agenda, copy of the current Solid Waste Plan, a flyer for an upcoming workshop and an information sheet for each member to fill out and return.

–Reviewed results of a survey taken at the end of the last Solid Waste Advisory Committee process in 2014. Topics covered source reduction, recycling improvement, composting improvement, participatory input and respectful treatment. Overall results were very positive.

**VIII. FINAL PROGRESS ON CURRENT PLAN – AARON RYBSKI**

–Reviewed a Power Point presentation (see attached)

–The first Solid Waste Plan was adopted by the County in 1995. The plan is updated every five years.

- Reviewed the objectives and progress for the 2015-2020 Plan (see attached)
  - Administrative
  - Recycling and Source Reduction
  - Compost
  - Waste-to-Energy/Alternative Technologies
  - Transfer Station
  - Landfill

**IX. MUNICIPAL SOLID WASTE TRENDS – MARLIN HARTMAN**

- Continued with Power Point presentation.
- Reviewed US EPA Fact Sheet tracking solid waste from 1960 through 2015.
- Asked committee members “what is the average person’s incentive to recycle?”
  - To minimize waste
  - Divert from landfills
  - Try not to cause other problems
  - Recycle because we can
  - Makes people feel good
- More awareness now – residents know what happens with recycling and health risks of landfills.
- Reviewed the economics of recycling – generates jobs, dollars for communities, tax revenue.
- Landfills continue to be one of the cheapest ways to dispose of waste
- Reviewed Kendall County solid waste stats (data received from haulers):
  - 60,000 tons generated – 55% residential, 0.5% construction/demolition and 42% commercial
  - 21.44% recycling diversion rate
- National impacts on solid waste over the past five years:
  - Contamination in the recyclables
  - China will now only take clean recyclables and has now refused to take any US recyclables
  - Good collection rates in the US but there are not enough end users to take the recyclables.
- Legislation pending on medical waste, sharps, medications and food waste.

**X. FUTURE OF RECYCLING & ELECTRONIC WASTE – STEVE CURATTI**

- Electronics Recycling:
  - Two collection sites in Kendall County – Goodwill Stores in Montgomery and Yorkville. The do not accept TV’s.
  - Kendall County is participating in CERA (Consumer Electronics Recycling Act).
  - Local municipalities have e-waste included in their contracts with haulers for their residents.

**XI. COMMITTEE REVIEW OF CURRENT RECYCLING OBJECTIVES**

The committee broke out into three groups to discuss the Recycling and Source Reduction Objectives A through G on pages two and three in the 2015-2020 Solid Waste Plan. Ms. Gilmour asked members to review the objectives – any changes/updates/stay the same.

**XII. SMALL GROUP SHARE**

- Add an “H” to the objectives – identify and educate residents on methods to recycle e-waste.
- Ways to recycle medication to ensure safe and proper disposal.
- Educate townships on “township franchise”
- Sharing data with municipalities and townships – reports from municipalities from haulers on waste and recycling rates to get a clear picture. Work together to ask the same questions of the haulers. Add to G.
- Educate residents on contamination in recyclables – cleaning up the recycling stream.
- Work closely with other county departments to “piggy back” on their education/outreach.

# Kendall County Solid Waste Plan Five-Year Update

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Due 2020

## Presentation Outline

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- History of Plan
- The 2015 Solid Waste Plan Progress
- Municipal Solid Waste Trends
- Future of Recycling and Electronic Waste

## Where did it come from?

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- Solid Waste Planning and Recycling Act required IL Counties to develop plans in 1995 to attain a 25% recycling rate (KC Plan adopted that May by the County Board)
- Plans must be updated every 5 years.
- Allows county with an “**Approved**” Solid Waste Plan, **Authority** to Site Pollution Control Facility consistent with the Plan

## Solid Waste Plan Advisory Committee

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2015

## Solid Waste Plan Objectives

## 2015 Administrative Objectives and Actions Completed

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- Integrate solid waste legislation into the KCHD legislative/policy agenda
- Integrate solid waste legislation into the KCHD strategic plan

**Both have been completed**

## 2015 Recycling and Source Reduction Objectives

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- Offer to educate and promote recycling and source reduction efforts within Kendall county
- Interact with schools, clubs, senior groups and community groups in KC on ways to promote recycling and source reduction
- Using social/mainstream media, including “Green Pages”, to incorporate information on source reduction, recycling, and other actions to aid proper waste management.
- Identify and communicate methods for residential disposal of HHW
- Communicate with waste haulers to address recycling concerns and possible waste hauler actions that would improve collections

## 2015 Recycling and Source Reduction Objectives

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- Recognize businesses within Kendall County who practiced innovative waste reduction and or recycling
- Interact with municipalities and villages within Kendall County on financial beliefs and best practices in managing municipal waste

## 2015 Recycling and Source Reduction Actions Completed (1 of 7)

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Offer to educate and promote recycling and source reduction efforts within Kendall county

- Annual Presentations at Hoover Forest Preserve to over 300 4<sup>th</sup> and 5<sup>th</sup> grade students
- Bristol Grade tours of compost facility and transfer station (2017)

## 2015 Recycling and Source Reduction Actions Completed (1 of 7)

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Offer to educate ....Kendall county (con't)

- Created E-waste commercial for WAUR-IEPA Grant
- Respond to questions from residents regularly regarding solid waste issues, mostly electronics.
- Social Media-Facebook updates

## 2015 Recycling and Source Reduction Actions Completed (2 of 7)

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Interact with schools, clubs, senior groups and community groups in KC on ways to promote recycling and source reduction

- Hoover Programs and Bristol School
- Millbrook Methodist Church (2016)
- 2017 SWP update for Community leaders

## 2015 Recycling and Source Reduction Actions Completed (3 of 7)

Using social/mainstream media, including “Green Pages”, to incorporate information on source reduction, recycling, and other actions to aid proper waste management.

- E-waste commercial WAUR
- WSPY and WAUR appearances
  - 2015- 2                      2017 - 2
  - 2016 – 4                    2018 - 2
- Facebook – Ongoing updates regarding events, sharps and contamination

## 2015 Recycling and Source Reduction Actions Completed (4 of 7)

Identify and communicate methods for residential disposal of HHW

- Update of Green pages on HHW collection changes in Naperville
- Worked with hauler to incorporate curbside offerings
- Facebook update on HHW Naperville site change
- Organizational meetings (ILCSWMA) regarding HHW funding
- Sharps management focus in 2018 – MSW worker hazard



## 2015 Recycling and Source Reduction Actions Completed (5 of 7)

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Communicate with waste haulers to address recycling concerns and possible waste hauler actions that would improve collections

- Attended seminar on challenges with glass recycling
- Attended seminar on contamination reduction in recycling stream
- Reviewing recycling challenges with implementation of Green Fence and National Chinese Sword

## 2015 Recycling and Source Reduction Actions Completed (6 of 7)

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Recognize businesses within Kendall County who practiced innovative waste reduction and or recycling

- In 2016 created survey form to evaluate businesses who recycle
- In 2017 recognized businesses that excelled in recycling

## 2015 Recycling and Source Reduction Actions Completed (7 of 7)

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Interact with municipalities and villages within Kendall County on financial beliefs and best practices in managing municipal waste

- Met with Yorkville regarding E-waste Programs (2015)
- Met with Plano regarding Transfer Station operation (2016)
- Reviewed CERA (electronics law) at Mayors/Managers (2017)

## 2015 Recycling and Source Reduction Actions Completed (Continued Education)

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- ILCSWMA Annual Conference 2015
- ILCSWMA Annual Conference 2016
- ILCSWMA Annual Conference 2017
- ILCSWMA Annual Conference 2018

## 2015 Recycling and Source Reduction Action Completed (Special Events)

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- E-waste Collection sponsored by Kendall County Health Department in August 2017
- Collected 51,000 lbs.
- 376 residents participated

## 2015 Compost Objective and Actions Completed

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Offer to educate community, ...foster cooperative relationships with commercial operations and support legislation ...

- Participated in food composting discussions and education
- Reviewed transition of Green Organics to Midwest Materials Management
- Provided preliminary information to a new possible composter (Semper Fi)
- Respond to concerns from residents and businesses regarding compost sites in Kendall
- Followed legislation (HB 6029) regarding food waste composting



## 2015 Waste-To-Energy/Alternative Technologies Objectives

- Identify state/federal regulations relating to Waste to Energy and Alternative Technologies
- Identify status of USEPA clean air attainment and non-attainment designation for townships relating to waste to energy siting
- Continue to identify and explore Alternative Technologies and offer to educate the public and county leaders regarding these technologies
- No new waste-to-energy (WTE) or alternative technology pollution control facility (PCF) for handling municipal solid waste (MSW)

## 2015 Waste-To-Energy/Alternative Technologies Objective and Action Completed

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- Identify state/federal regulations relating to Waste to Energy and Alternative Technologies

Tracked Legislation through ILCSWMA and PSI

## 2015 Waste-To-Energy/Alternative Technologies Objective and Action Completed

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- Identify status of USEPA clean air attainment and non-attainment designation for townships relating to waste to energy siting

Kendall County, Oswego Township does not meet the air quality standards for 8-hour ozone

## 2015 Waste-To-Energy/Alternative Technologies Objective and Action Completed

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- ▪Continue to identify and explore Alternative Technologies and offer to educate the public and county leaders regarding these technologies

Have continued to review technology advancements or challenges and toured a Waste to Energy facility in Indianapolis Indiana in 2015

## 2015 Waste-To-Energy/Alternative Technologies Objective

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- ▪No new waste-to-energy (WTE) or alternative technology pollution control facility (PCF) for handling municipal solid waste (MSW)

No WTE/Alternative Technologies sited in Kendall County

## 2015 Transfer Station Objectives

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- Development of private sector Municipal Solid Waste Transfer Facilities are allowable within Kendall County
- Transfer Station Host Community Benefit Agreement
- All Transfer Stations in Kendall County must enter into Host Community Benefit Agreement with the siting authority community and with the Kendall County Board
- Each Host Community Benefit Agreement may give considerations for facilities that include materials recovery.

## 2015 Transfer Station Recommendations and Actions Completed

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- Development of private sector Municipal Solid Waste Transfer Facilities are allowable within Kendall County

A MSW Transfer Station was sited in Plano

## 2015 Transfer Station Recommendations and Actions Completed

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- Transfer Station Host Community Benefit Agreement
  - All Transfer Stations in Kendall County must enter into Host Community Benefit Agreement with the siting authority community and with the Kendall County Board
  - Each Host Community Benefit Agreement may give considerations for facilities that include materials recovery.

A Host Benefit Agreement with the County was completed

## 2015 Landfill Objectives

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- No new or expanded landfills in Kendall County

No Landfills were sited in Kendall County



## Data on US Solid Waste

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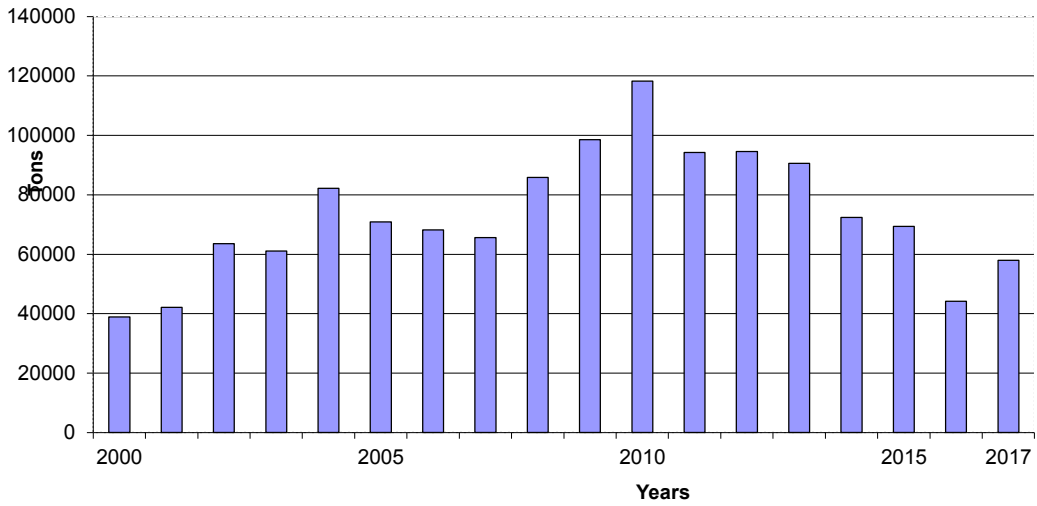
Review 2015 IEPA Summary Fact Sheet

## Kendall 2017 Waste Statistics

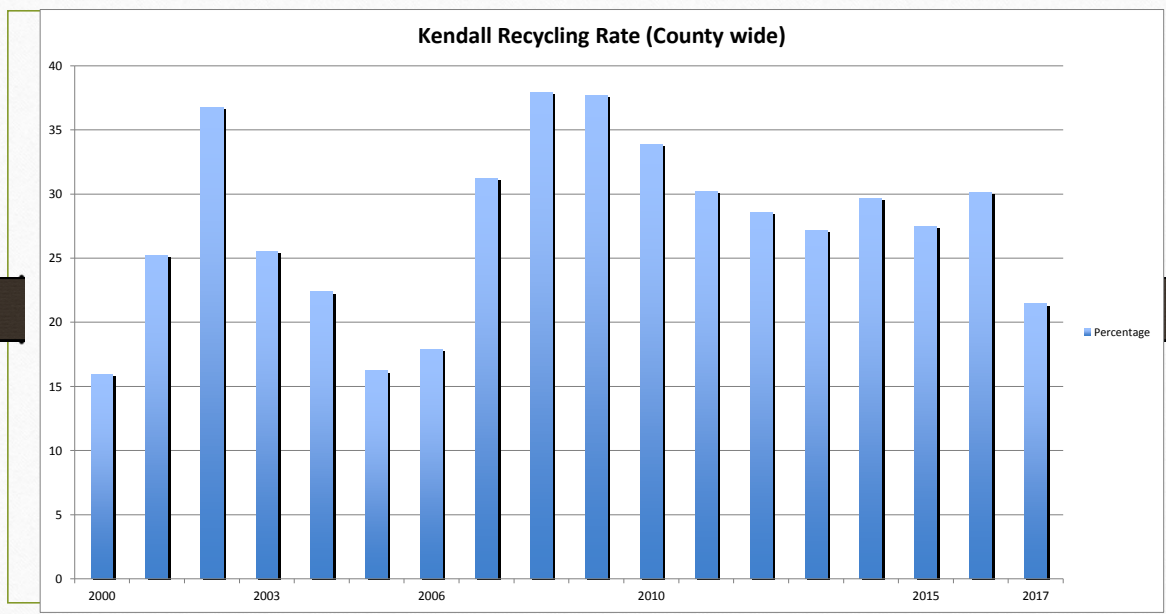
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- 60,000 tons generated
  - 55% Residentially generated
  - 0.5% Construction and Demolition
  - 42% Commercially generated
- 21.44% County Recycling/Diversion Rate
- Generation has decreased since building boom has passed
- Data supplied by haulers and recyclers-Accuracy is in question on data

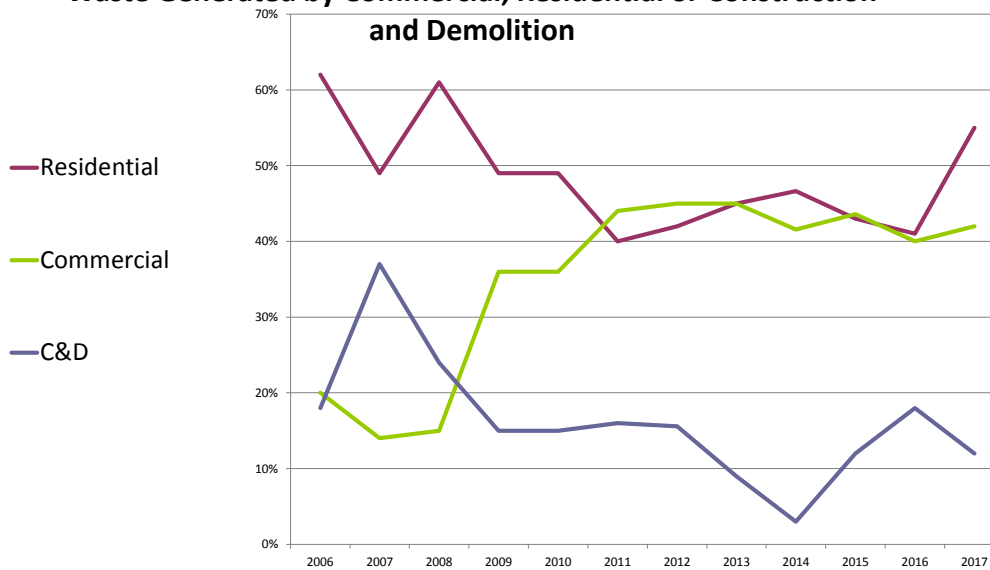
**Total Kendall Refuse and Recyclables (tons)**



**Kendall Recycling Rate (County wide)**



### Waste Generated by Commercial, Residential or Construction and Demolition



## Regional Situation

- Will County Landfill in operation-Praireview in Wilmington (Will Co. only waste)
- Dekalb Co. intends to open landfill to “Out of County Waste”
- Plano sites Transfer Station
- City of Morris denies expansion of Environtech

## National impacts on Solid Waste Management in past 5-years

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- Recycling is an accepted daily practice
- Single stream
- Contamination in recyclables
  - Green Fence
  - National Chinese Sword
- Tariffs
- Sustainability in recycling
- Wish recycling

## Illinois impacts on Solid Waste Management

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- Medical waste addressed by IEPA
- Foodwaste being addressed more seriously
- HHW funding discontinued in state due to budget shortfall impacting the 3 full time collection sites and one-day events
- Tire Recycling funding discontinued due to state budget shortfall
- E-waste addressed by IEPA – CERA modified for 2019

## Electronics Recycling

- ~700 million CRT TVs were sold in this country since 1980 (Industry)
  - >70 million of the old TVs are still stored away in American homes
  - Landfills in Illinois stopped taking them in 2012
  - Stores such as Best Buy once accepted used TV sets but halted the practice in 2016
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- 2.4 million tons of electronics were disposed of in 2009. Of that amount, only 25 percent was recycled. (USEPA)
  - Electronic scrap can contain potentially harmful components such as lead, cadmium, beryllium or flame retardants, and mercury and arsenic can also be present (Electronics Takeback Coalition)
  - Enter CERA, **Consumer Electronics Recycling Act**
    - Enacted August 2017; Implementation January 2019
    - Requires consumer electronic device (CED) manufacturer annually provide an e-waste program
      - Fund transport and recycling of residential CEDs collected at program collection sites and/or events.
    - Implements a population-based “convenience standard”, establishing a minimum number of manufacturer-funded collection locations for each county.
    - Counties can “opt in” and propose a collection plan.
      - Retail Collection Site vs Single Day Collection Event
        - Goodwill Industries
        - Municipal Curbside Programs

- ✓ Computers and small-scale servers;
- ✓ **Computer monitors;**
- ✓ **Televisions;**
- ✓ Printers, facsimile machines and scanners;
- ✓ Digital video disc players, digital video disc records and videocassette recorders;
- ✓ Video game consoles;
- ✓ Digital converter boxes, cable receivers and satellite receivers; and
- ✓ Electronic keyboards, electronic mice and portable digital music players that have memory capability and are battery powered.

## Kendall County Solid Waste Plan Five Year Update

### Questions

-Use waste haulers resources to assist with outreach

### **XIII. ANNOUNCEMENTS – NEXT MEETING DATE**

Dr. Tokars thanked everyone for attending and reminded everyone it is very important to attend, as we must have a quorum to have a meeting. The next meeting is Tuesday, May 28, 2019 at 5:00 p.m.

### **XIV. Adjournment**

The meeting was adjourned at 6:53 p.m.

Submitted by,



Becki Rudolph  
Executive Assistant