



KANE COUNTY

WEGMAN, Allan, Barreiro, Davoust, Hernandez, Kenyon, Sanchez

ENERGY AND ENVIRONMENTAL COMMITTEE

WEDNESDAY, NOVEMBER 14, 2018

County Board Room

Agenda

9:00 AM

Kane County Government Center, 719 S. Batavia Ave., Bldg. A, Geneva, IL 60134

1. **Call to Order**
2. **Approval of Minutes: October 10, 2018**
3. **Environmental (J. Wollnik)**
4. **Recycling/Solid Waste (J. Jarland)**
 - A. **Resolution:** Approving a Rider on the Contract for Electronics Recycling Services with eWorks Electronics Services
 - B. **Resolution:** Authorizing an Electronics Recycling Memorandum of Understanding with the Reverse Logistics Group of America and eWorks Electronics Services to Meet Requirements of Law
 - C. **Resolution:** Authorizing the Intergovernmental Agreement among the County of Kane, the Village of West Dundee and eWorks Electronics Services for the Recycling of Electronics Equipment - 2019
 - D. Discussion: November Event Recap
 - E. Discussion: Recycling Events 2019 (attached)
5. **Sustainability (J. Mino)**
 - A. Presentation: Electric Vehicle Charging Stations (attached)
 - B. Presentation: Carbon Monoxide Awareness Month (attached)
6. **New Business**
7. **Public Comment**
8. **Reports Placed on File**
9. **Executive Session (If Needed)**
10. **Adjournment**



RESOLUTION/ORDINANCE EXECUTIVE SUMMARY

Resolution No.

Approving a Rider on the Contract for Electronics Recycling Services with eWorks Electronics Services

Committee Flow: Energy and Environmental Committee, Executive Committee, County Board

Contact: Jennifer Jarland, 630.208.3841

Budget Information:

Was this item budgeted? no cost N/A	Appropriation Amount: no cost
If not budgeted, explain funding source: N/A	

Summary:

This rider amends the existing contract for electronics collection and recycling services (RFP 49-017, Res # 17-364, 1/14/18-1/13/20) to include minor changes to the program in accordance with requirements in the Consumer Electronics Recycling Act (effective 1/1/19).

STATE OF ILLINOIS

COUNTY OF KANE

RESOLUTION NO.

**APPROVING A RIDER ON THE CONTRACT FOR ELECTRONICS RECYCLING SERVICES
WITH EWORKS ELECTRONICS SERVICES**

WHEREAS, the Electronic Products Recycling and Reuse Act (415 ILCS 150), is replaced by the Consumer Electronics Recycling Act (415 ILCS 151), effective January 1, 2019; and

WHEREAS, the County holds an executed contract (RFP 49-017, Res # 17-364) with eWorks Electronics Services, Inc. for electronics recycling services for the term beginning January 14, 2018 and ending January 13, 2020, with two (2) one-year extensions; and

WHEREAS, there will be some minor changes to the county program in accordance with requirements in the abovementioned legislation, as spelled out in the Rider; and

WHEREAS, the South Elgin electronics drop-off location that was in operation under this program at the start of the contract term is now closed.

NOW, THEREFORE, BE IT RESOLVED that the Chairman is authorized to approve the Rider specified in the title of this resolution for the term of the contract.

Passed by the Kane County Board on December 11, 2018.

John A. Cunningham
Clerk, County Board
Kane County, Illinois

Christopher J. Lauzen
Chairman, County Board
Kane County, Illinois

Vote:

18-12 Electronics Rider

County of Kane

KANE COUNTY GOVERNMENT CENTER

Theresa Dobersztyn
Purchasing Director



719 S. Batavia Ave., Bldg. A.
Geneva, IL 60134
Telephone: (630) 208-5929
Fax: (630) 208-5107

October 24, 2018

FY19 RIDER ON THE CONTRACT FOR ELECTRONICS RECYCLING SERVICES WITH EWORKS ELECTRONICS SERVICES

This RIDER made this _____ day of _____, is part of and is to be attached to the Executed Contract (RFP 49-017, Res #17-364) by and between County of Kane and eWorks Electronic Services, Inc. for electronics recycling services for the term beginning January 14, 2018 and ending January 13, 2020, with two (2) one-year extensions.

The County and eWorks Electronic Services, Inc. agree to the following terms in accordance with the requirements of the Consumer Electronics Recycling Act, effective January 1, 2019, and hereby incorporate them into the aforementioned contract.

1. For the record, the Electronic Products Recycling and Reuse Act (415 ILCS 150), is replaced by the Consumer Electronics Recycling Act (CERA - 415 ILCS 151), effective January 1, 2019.
2. Current charges to residents for TVs and Monitors will not change at this time and will remain as stated in the Contract. Coupons will no longer need to be given in exchange for payment as the CERA allows for fees to be charged for screened equipment.
3. Accepted Items:
 - a. All "Covered electronic devices" or "CEDs" will be accepted in the program, which under the CERA includes any computer (including laptops), computer monitor, television, printer, electronic keyboard, facsimile machine, videocassette recorder, portable digital music player that has memory capability and is battery powered, digital video disc player, video game console, electronic mouse, scanner, digital converter box, cable receiver, satellite receiver, digital video disc recorder, or small-scale server sold at retail.
 - b. The following items will be accepted by eWorks in addition to the above list: holiday light strings, wire, cable, adapters, power supplies, cell phones, modems, tablets, phones, docking stations, and ballasts.
 - c. The following items previously incorporated into the contract will no longer be accepted through the Kane County program: Batteries of any kind - in equipment or loose; dehumidifiers, window and small room air conditioners, small refrigerators and microwaves.
4. In addition to the commitment to conduct eight (8) one-day collection events in 2019, there are currently two (2) permanent drop-off locations serviced under this program:

- a. Batavia - Fabyan Parkway
517 E. Fabyan Parkway, Batavia, IL 60510
- b. West Dundee Public Works Department
900 Angle Tarn, West Dundee, 847-551-3815

The parties hereto mutually agree that the aforesaid Contract, of which this RIDER is made part of, is and shall be and remain in full force and effect in accordance with all the terms and conditions thereof, modified only as in this RIDER specifically provided.

Lou Fyda
eWorks Electronics Services, Inc.
1204 Estes Street
Elk Grove Village, IL 60007

Date

Christopher J. Lauzen
Chairman, Kane County Board
Kane County
719 S. Batavia Ave
Geneva, IL 60134

Date



RESOLUTION/ORDINANCE EXECUTIVE SUMMARY

Resolution No.

Authorizing an Electronics Recycling Memorandum of Understanding with the Reverse Logistics Group of America and eWorks Electronics Services to Meet Requirements of Law

Committee Flow: Energy and Environmental Committee, Executive Committee, County Board

Contact: Jennifer Jarland, 630.208.3841

Budget Information:

Was this item budgeted? no cost N/A	Appropriation Amount: no cost N/A
If not budgeted, explain funding source: N/A	

Summary:

This resolution seeks to authorize the Chairman to sign a Memorandum of Understanding between the County's contracted electronics recycler, eWorks, and the manufacturer's representative group, RLGA. This MOU does not obligate the county to any costs, and specifies the terms of the program under the new electronics recycling law.

STATE OF ILLINOIS

COUNTY OF KANE

RESOLUTION NO.

**AUTHORIZING AN ELECTRONICS RECYCLING MEMORANDUM OF UNDERSTANDING
WITH THE REVERSE LOGISTICS GROUP OF AMERICA AND EWORKS ELECTRONICS
SERVICES TO MEET REQUIREMENTS OF LAW**

WHEREAS, the Electronic Products Recycling and Reuse Act (415 ILCS 150), is replaced by the Consumer Electronics Recycling Act (415 ILCS 151) (CERA), effective January 1, 2019; and

WHEREAS, the County holds an executed contract (RFP 49-017, Res # 17-364) with eWorks Electronics Services, Inc. for electronics recycling services for the term beginning January 14, 2018 and ending January 13, 2020, with two (2) one-year extensions; and

WHEREAS, the CERA requires that each county work in partnership with an electronics manufacturer representative group, which in the case of Kane County is Reverse Logistics Group of America (RLGA), and a Collector/Recycler, eWorks, to deliver the electronics recycling program according to the law; and

WHEREAS, this MOU does not obligate Kane County to any cost, and serves to specify the terms of the program under CERA between the three signing parties.

NOW, THEREFORE, BE IT RESOLVED that the Chairman is authorized to approve the Rider specified in the title of this resolution for the term of the contract.

Passed by the Kane County Board on December 11, 2018.

John A. Cunningham
Clerk, County Board
Kane County, Illinois

Christopher J. Lauzen
Chairman, County Board
Kane County, Illinois

Vote:

18-12 Electronics MOU

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU), is made, this day ____ of _____, 2018, among **Reverse Logistics Group Americas (RLGA), the County of Kane (County) and eWorks Electronics Services (Collector/Recycler).**

PURPOSE & SCOPE

The purpose of this MOU is to clearly identify the roles and responsibilities of each party as they relate to the collection, transportation and recycling of residential covered electronic devices (CEDs) as defined in the Illinois Consumer Electronics Recycling Act (CERA) during the 2019 calendar year. CEDs include:

- 1) Computers and small-scale servers;
- 2) Computer monitors;
- 3) Televisions;
- 4) Printers, fax machines and scanners;
- 5) DVD players, DVRs and VCRs;
- 6) Video game consoles;
- 7) Digital converter boxes, cable receivers and satellite receivers;
- 8) Electronic keyboards, mice and portable digital music players that have memory capability and are battery powered.

RESPONSIBILITIES UNDER THIS MOU

County's designated collection site operator, eWorks Electronics Services, cited in its 2019 CERA Opt-In request shall undertake the following activities:

- a. register with the Illinois Environmental Protection Agency (IEPA) as a collector by January 1, 2019 if operating a County CED collection site(s) or event(s);
- b. submit a report with the total weight, by CED category, of residential CEDs transported from County collection site(s) and/or event(s) during 2019 to the IEPA by March 1, 2020. RLGA or RLGA's authorized recycler will provide County required weight data to County prior to March 1 due date;
- c. provide and allow RLGA to post collection site and/or event information (date, location, hours, etc.) on RLGA's website;

Return to Value

- d. notify RLGA and RLGA authorized recycler at least 90 days in advance of proposed collection event date(s) along with proposed event hours, address and past collection event weights and attendance;
- e. offer collection of no more than 7 CEDs at a time to Illinois residents at no cost or via a fee (for televisions and computer monitors only) at collection sites and/or events;
- f. directly manage County collection site(s) and events. County 2019 collection sites and/or event addresses are as follows:

Collection site 1: 517 E. Fabyan Parkway, Batavia, IL 60510

Collection site 2: 900 Angle Tarn, West Dundee, IL 60118

Collection events (6 to 8): Kane County Traffic Court, 540 S. Randall Street, St. Charles, IL 60174. Two of the eight events may be held somewhere else.;

- g. staff collection site(s) and events during open or event hours and keep CEDs secure from theft;
- h. maintain good housekeeping and organization of collection site(s);
- i. keep collected CEDs intact and deliver all collected CEDs to RLGA's authorized recycler. Per CERA, scrapping, salvaging, dismantling, disassembling or diverting any residential CEDs collected at a County collection site event is prohibited. Violation of this requirement may result in service charges to County;
- j. sort and package CEDs and any non-CED material (if a financial arrangement has been set up between the County and RLGA or RLGA authorized recycler to accept non-CED material) in a safe and secure manner to avoid palletized stacks breaking apart or falling over during transport. See attached packaging and shipping guidelines for sorting instructions;
- k. store CEDs and packaging material provided by RLGA in a covered facility or container that will keep material out of the elements;
- l. contact RLGA or RLGA authorized recycler when ready to ship a trailer load of CEDs from a collection site;
- m. provide the required labor, forklift and/or pallet jacks needed to load trailer(s) or other RLGA provided transportation dispatched to collect packaged CEDs from collection site(s) and events;
- n. prepare and include a bill of lading or packing list with each shipment of CEDs picked up from a collection site or event that describes the origin of the shipment and the number of pallets in the shipment;

Return to Value

- o. alert RLGA and RLGA authorized recycler within 30 days if operational hours of collection site(s) change, collection site closes or if there are any unresolved violations issued to the site by the IEPA;
- p. allow RLGA, or its representative, to inspect collection site(s) with 24 hours' notice;
- q. comply with all applicable local, state, federal laws including all collector requirements cited within CERA and/or established by the IEPA.

RLGA shall undertake the following activities:

- a. provide at no cost to County:
 - 1. packaging (pallets, gaylords and shrink wrap), as needed by County for collection site(s) and/or events;
 - 2. transport of collected CEDs from County collection sites and events to an authorized recycler; and
 - 3. recycling of CEDs collected at County collection sites and events.
- b. provide the County with annual reporting data for submittal to the IEPA and other reporting data as requested;
- c. may inspect County collection site(s), after providing 24 hours' notice, annually or upon receiving a complaint.

eWorks Electronic Services is an authorized recycler and logistics provider for RLGA and in this role shall additionally undertake the following activities:

- a. work under requirements of their existing contract with the County for
 - 1. the provision of processing of non-CED material collected at County collection sites and events, and
 - 2. any other County specified collection-related services not required of RLGA under CERA.

EFFECTIVE DATE

This MOU is effective January 1, 2019 through December 31, 2019. If the clearinghouse determines that it is necessary to reassign a site to another manufacturer representative group during the calendar year, this MOU will become null and void.

THIS MOU IS THE COMPLETE AGREEMENT BEWTWEEN THE COUNTY, EWORKS ELECTRONICS SERVICES AND RLGA AND MAY BE AMENDED ONLY BY WRITTEN AGREEMENT SIGNED BY EACH PARTY.

Return to Value

County of Kane

Signature: _____

Christopher J. Lauzen

Chairman, County Board

Kane County, Illinois

Date: _____

Reverse Logistics Group Americas (RLGA)

Signature: _____

Printed Name: _____

Title: _____

Date: _____

eWorks Electronic Services

Signature: _____

Printed Name: _____

Title: _____

Date: _____





RESOLUTION/ORDINANCE EXECUTIVE SUMMARY

Resolution No.

Authorizing the Intergovernmental Agreement among the County of Kane, the Village of West Dundee and eWorks Electronics Services for the Recycling of Electronics Equipment - 2019

Committee Flow: Energy and Environmental Committee, Finance and Budget Committee, Executive Committee, County Board

Contact: Jennifer Jarland, 630.208.3841

Budget Information:

Was this item budgeted? Yes	Appropriation Amount: \$12,000
If not budgeted, explain funding source: N/A	

Summary:

This Resolution seeks to authorize the Chairman to sign an Intergovernmental Agreement with a municipality acting as a drop-off location for electronics recycling.

The municipality will provide the drop-off location, a forklift and some staff time. The County's contracted recycler will run the collection site, package all materials, assist in loading trailers, transport, receive, process, and responsibly manage all electronic equipment through the County contract.

Kane County Division of Environmental and Water Resources has funds in its FY19 budget to be used for the purpose of incentive payments to the municipality to cover some of the costs associated with their staff time and equipment use.

STATE OF ILLINOIS

COUNTY OF KANE

RESOLUTION NO.

AUTHORIZING THE INTERGOVERNMENTAL AGREEMENT AMONG THE COUNTY OF KANE, THE VILLAGE OF WEST DUNDEE AND EWORKS ELECTRONICS SERVICES FOR THE RECYCLING OF ELECTRONICS EQUIPMENT - 2019

WHEREAS, the Kane County Solid Waste Management Plan, adopted by the Kane County Board in 1992, and most recently updated in 2015, recommends that the County maintain programs to divert electronics equipment from disposal in landfills; and

WHEREAS, the Electronic Products Recycling and Reuse Act (415 ILCS 150), is replaced by the Consumer Electronics Recycling Act (415 ILCS 151), effective January 1st, 2019, which bans the landfill disposal of used electronic equipment; and

WHEREAS, Kane County has a contract (RFP 49-017, Res # 17-364) with eWorks Electronics Services, Inc., a certified electronics recycling contractor, which includes conducting electronics recycling events and servicing the County's permanent locations; and

WHEREAS, Kane County maintains electronic recycling drop-off locations within the program, one of which is in partnership with the Village of West Dundee; and

WHEREAS, the Village will bear some costs related to the operation of a drop-off site for electronics and Kane County Division of Environmental and Water Resources has funds in the FY2019 budget to cover an amount of one-thousand dollars (\$1,000) per month that the drop-off is in operation to be paid to the Village; and

WHEREAS, drop-off locations available daily throughout the county provides convenient opportunities to recycle electronics, which is of benefit to the overall electronics program and the residents of Kane County.

NOW, THEREFORE, BE IT RESOLVED by the Kane County Board that the Chairman is authorized to execute the attached Intergovernmental Agreement with the Village of West Dundee and eWorks Electronics Services for electronics recycling services.

Line Item	Line Item Description	Was Personnel/Item/Service approved in original budget or a subsequent budget revision?	Are funds currently available for this Personnel/Item/Service in the specific line item?	If funds are not currently available in the specified line item, where are the funds available?
65067067050150	Consulting Services	Yes	Yes	N/A

Passed by the Kane County Board on December 11, 2018.

John A. Cunningham
Clerk, County Board
Kane County, Illinois

Christopher J. Lauzen
Chairman, County Board
Kane County, Illinois

Vote:

18-12 Electronics IGA

**INTERGOVERNMENTAL AGREEMENT AMONG THE COUNTY OF KANE,
THE VILLAGE OF WEST DUNDEE AND eWORKS ELECTRONIC SERVICES INC.
FOR THE RECYCLING OF ELECTRONIC EQUIPMENT 2019**

THIS AGREEMENT is hereby made and entered into as of the date of final execution below, by and among KANE COUNTY, ILLINOIS (hereinafter referred to as the “County”), the VILLAGE OF WEST DUNDEE, ILLINOIS, a municipal corporation (hereinafter referred to as the “Village”); and eWorks Electronic Services, Inc. (hereinafter referred to as the “Recycler”).

WITNESSETH

WHEREAS, the Village and the County are public agencies within the meaning of the Intergovernmental Cooperation Act; and

WHEREAS, the Village and the County are also units of local government within the meaning of Section 10 of Article 7 of the Constitution of the State of Illinois; and

WHEREAS, the Village and the County are authorized to contract among themselves to obtain or share services, or exercise, combine, or transfer any power or function in any manner not prohibited by law; and

WHEREAS, the County has contracted with the Recycler to provide recycling services for used electronics equipment; and

WHEREAS, the collection and proper management of used electronic equipment is required by the Illinois Consumer Electronics recycling Act; and

WHEREAS, the collection of used electronic equipment for recycling is a matter within the government and affairs of the parties.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein, the Village, County and the Recycler agree as follows:

SECTION 1. RECITALS

The foregoing recitals are hereby incorporated into this agreement in their entirety.

SECTION 2. SCOPE OF SERVICES

(A) The Village agrees to accept electronic equipment for recycling from the public during normal business hours. Items to be collected, processed, and marketed will be determined by the Recycler as set forth in its contract with the County (the “*Recycling Contract*”). Large home appliances (including stoves, refrigerators, freezers, etc.) or household hazardous waste (including paint, cleaners, etc.) cannot be accepted by the Village under this Agreement.

(B). The County will maintain a Recycling Contract with a Recycler which is registered with the Illinois Environmental Protection Agency.

(C). The Village will provide a collection location open to all County residents and staff time, up to one hour per day, to forklift load-ready pallets of material (gaylords filled, TVs stacked and wrapped by the Recycler) onto the trailer at the end of each business day. The forklift will also be provided by the Village. The Village will provide power to the Recycler’s enclosed work station. The Village may invest in a motion activated surveillance camera to monitor illicit dumping during closed hours in order to seek an additional funding source through fines, but is not obligated to do so.

(D). The Recycler will provide the Village drop-off location with one full-time staff person to run the site during all open hours, and will deploy on call backup individuals in case of short or long-term absences of the regular staff person. It will also provide all necessary gaylord boxes and pallets, trailer, transport, and processing of electronic equipment. The Recycler will provide an enclosed work station for their staff person.

SECTION 3. INCENTIVE PAYMENT TO VILLAGE

The County shall provide a financial incentive to the Village. Payment shall be made to the Village and used, to the extent necessary, for site improvements, equipment, and labor related to continuing to operate a drop-off site for electronics. The amount to be paid for calendar year 2019 will be one-thousand dollars (\$1000) per month that the drop-off is open to the public.

The amount to be paid in 2020 and beyond is yet to be determined, contingent upon availability of funds and potential changes associated with the Consumer Electronics Recycling Act (415 ILCS 151), 2019, which replaces the Electronic Products Recycling and Reuse Act, effective January 1, 2019.

By April 1, 2019, West Dundee will provide to the County an accounting of actual costs associated with the operation of the electronics drop-off for the purpose of evaluating the program and setting the FY20 budget.

SECTION 4. CHANGES

The Village may, from time to time, require or request changes in the scope of services to be performed hereunder. Such changes which are mutually agreed upon by and among the County, the Village and the Recycler shall be incorporated only in written amendments to this Agreement.

SECTION 5. TERMINATION

Default. This Agreement may be terminated in whole or in part in writing by either party in the event of substantial failure (hereinafter termed "termination by default") by the other party to fulfill its obligations under this Agreement through no fault of the terminating party, provided that no such termination may be effected unless the other party is given (1) not less than sixty (60) calendar days written notice of intent to terminate and (2) an opportunity for consultation with the terminating party prior to termination. Should the Recycler fail to provide services as agreed to above, and should immediate termination become necessary, the Village and county will work together on closure plans and public outreach.

SECTION 6. REMEDIES

Except as may be otherwise provided in this Agreement, all claims, counter-claims, disputes and other matters in question among the County, the Village and the Recycler arising out of or relating to the services to be provided by each of the parties pursuant to this Agreement or the breach thereof shall be resolved in the Circuit Court of Kane County. Each party shall be responsible for its own attorney's fees and costs, other than as provided in Section 7.

SECTION 7. HOLD HARMLESS

The Village agrees to assume all risk of loss and to indemnify and hold the County and the County's Recycler, its officers, agents and employees, harmless from and against any and all liabilities, demands, claims, suits, losses, damages, causes of action, fines or judgments, including costs, attorneys' and witnesses' fees, and expenses incident thereto, for injuries to persons (including death) and for loss of, damage to, or destruction of property because of or arising solely out of the Village's negligent or intentional acts or omissions.

In addition to the indemnity provision between the County and Recycler in the Recycling Contract, the Recycler hereby indemnifies the Village pursuant to the same terms in the Recycling Contract.

The County's Recycler agrees to assume all risk of loss and hold the Village, their officers, agents and employees, harmless from and against any and all liabilities, demands, claims, suits, losses, damages, causes of action, fines or judgments, including costs, attorneys' and witnesses' fees, and expenses incident thereto, for injuries to persons (including death) and for loss of, damage to, or destruction of property because of or arising solely out of the Recycler's negligent or intentional acts or omissions.

SECTION 8. SEVERABILITY

The terms of this agreement shall be severable. In the event any of the terms or provisions of this agreement are deemed to be void or otherwise unenforceable, the remainder of this agreement shall remain in full force and effect.

The foregoing constitutes the entire Agreement between the parties, and no verbal statement shall supersede any of its provisions.

SECTION 9. TERM

The term of this Agreement shall commence unless terminated pursuant to Section 5 hereof, shall terminate on December 31, 2019.

IN WITNESS HEREOF, the parties have caused this Agreement to be signed by their respective duly authorized officers on the dates noted below.

COUNTY OF KANE

VILLAGE OF WEST DUNDEE

By _____
Christopher J. Lauzen
Chairman, County Board
Kane County, Illinois

By _____
Christopher Nelson
President
Village of West Dundee, Illinois

Date: _____

Date: _____

RECYCLER, eWorks Electronics Services, Inc.

By _____
Lou Fyda
Vice President, Midwest Region
eWorks Electronics Services, Inc.

Date: _____

2019 Recycling Event Schedule

Events at 540 Randall, on 2nd Saturdays, 8am-12noon

April 13	electronics, books
May 11	electronics, books + shred + paint
June 8	electronics, books + shred
> July 13	electronics, books + paint (NO SHRED) + bikes, foam, batteries, bulbs, textiles
Aug 10	electronics, books + shred
Sept 14	electronics, books + shred + paint

Additional events, location yet to be determined

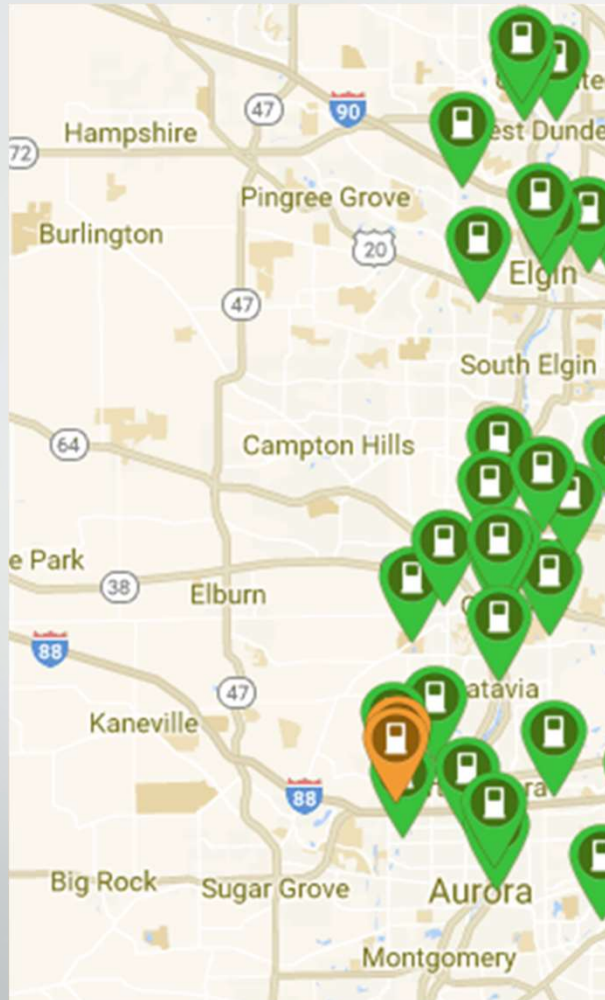
Oct 12	electronics (maybe books) – Aurora area
Nov 9	electronics (maybe books) – Campton Hills

Electric Vehicle Charging Stations

Kane County Network



Presented by: Jessica Mino
Resource Management Coordinator
November 14, 2018



Current Network within Kane County


Advantages of County Charging Stations

- **Draw EV drivers** to Kane County for restaurants, shopping, businesses, and events
- **Create sufficient network** for Kane County EV drivers – both residents and workers
- Supports **Kane County Operational Sustainability Plan**




Strategy D2 – Action Item 1: Install alternative fuel infrastructure, as appropriate

Challenges of Expanding Network


- Networking and Maintenance Costs
- Convenient and user-friendly location for additional station on County property



KANE COUNTY Electric Vehicle Charging Stations

-  **Kane County Courthouse**
100 S. 3rd Street
Geneva, IL 60134
-  **Kane County Government Center**
719 S. Batavia Ave.
Geneva, IL 60134
-  **Kane County Health Department**
1240 N. Highland Ave.
Aurora, IL 60506

SUSTAIN KANE
economy • environment • people



Kane County's 3 Electric Vehicle (EV) Charging Stations for public use are Charge Point Level 2 charging ports – meaning a faster charge for your EV! [chargepoint.com](https://www.chargepoint.com)

Find Kane County EV information at:
[countyofkane.org/sustainability](https://www.countyofkane.org/sustainability)

Find other EV charging stations at: [plugshare.com](https://www.plugshare.com)

What next?



Expand network

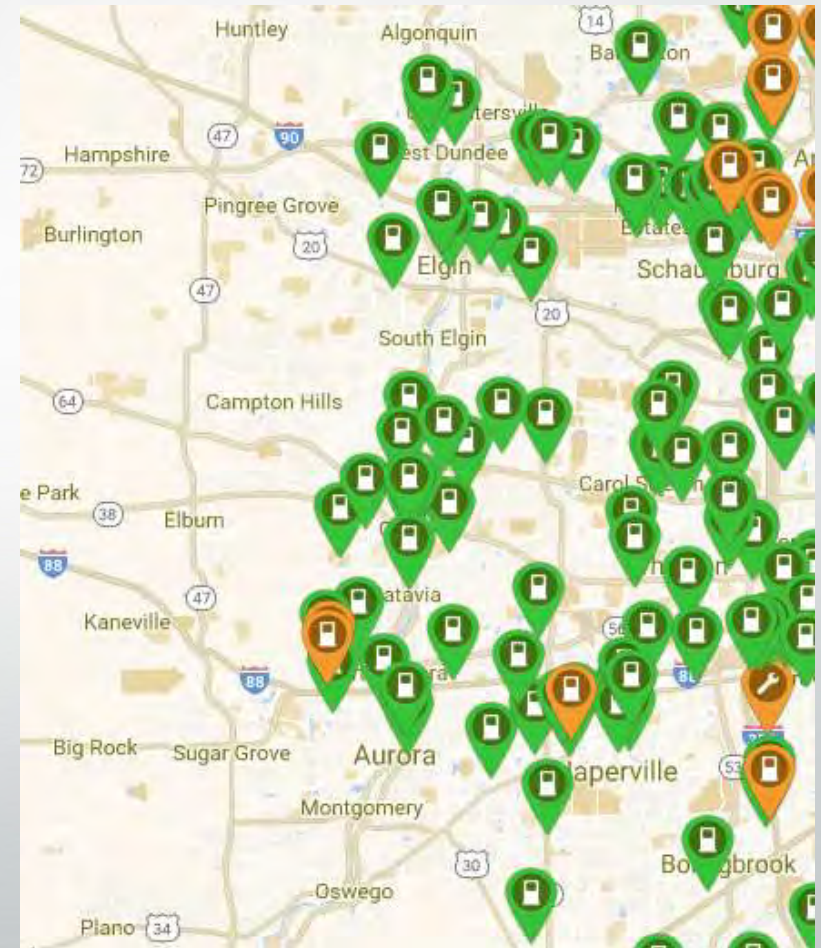
AND



Minimize or eliminate networking and maintenance costs for County

Pilot Program

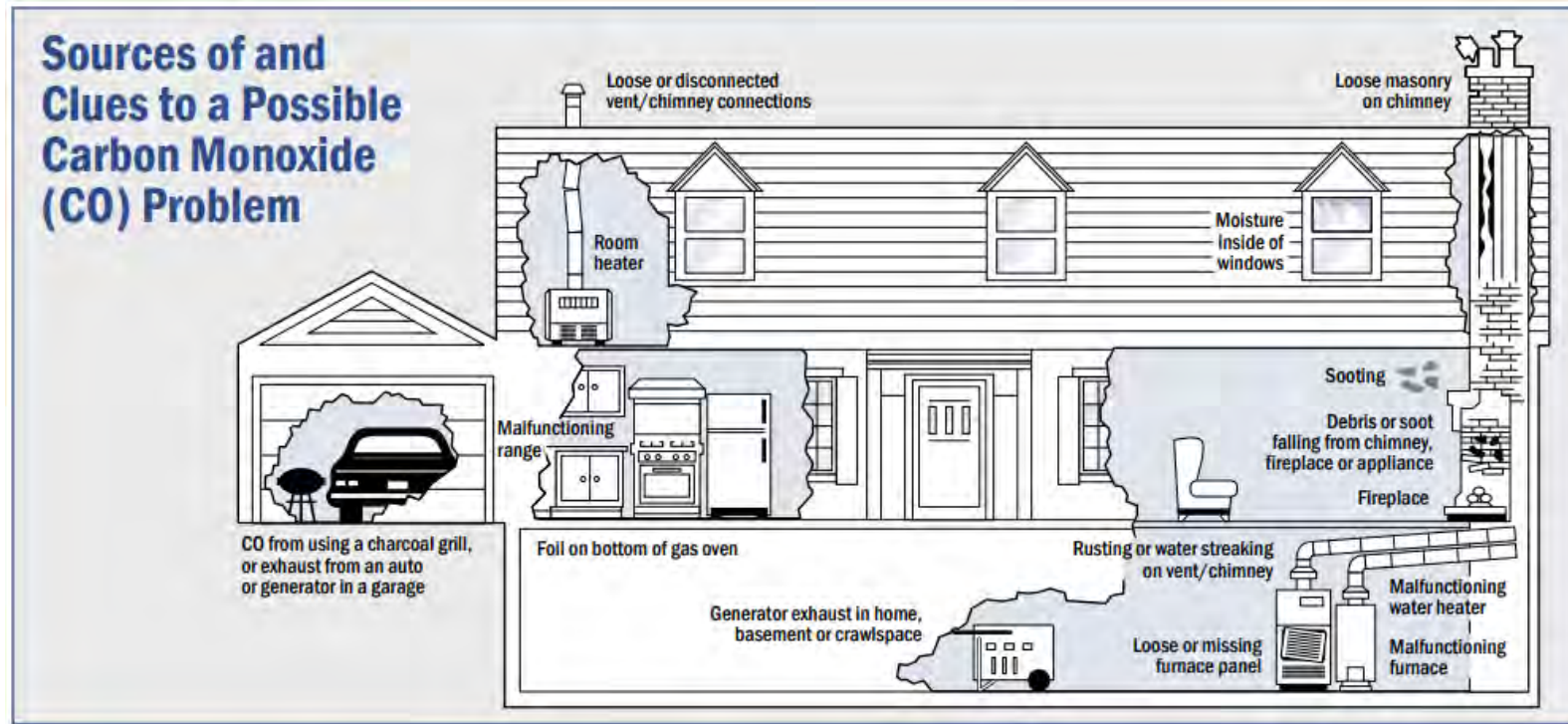
- The Village of Montgomery
 - Southern extent of County
 - Village driven to install electric vehicle charging stations
- Asking for **Committee's approval** to proceed with pilot program and present an Intergovernmental Agreement at upcoming E&E Committee meeting



Questions?



November is Carbon Monoxide Awareness Month



kanehealth.com/carbon

What You Can Do

CO DETECTORS

- Install battery-operated or battery back-up CO detectors near every sleeping area in your home.
- Check CO detectors regularly to be sure they are functioning properly.

OIL & GAS FURNACES

- Have your furnace inspected every year.

PORTABLE GENERATORS

- Never use a generator inside your home or garage, even if doors and windows are open.
- Only use generators outside, more than 20 feet away from your home, doors, and windows.

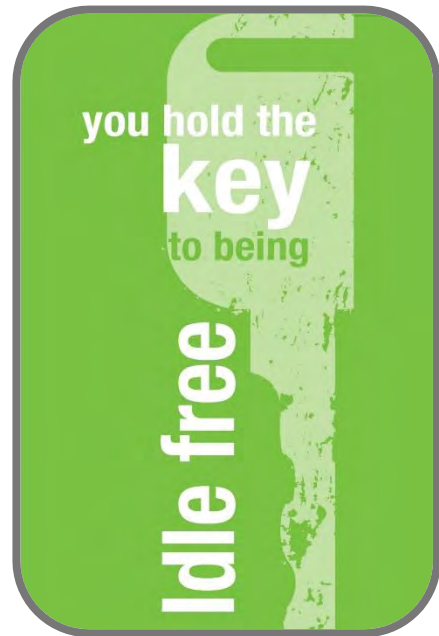


**U.S. Department of
Health and Human Services**
Centers for Disease
Control and Prevention



STOP Idling.
START \$aving.

SUSTAIN  **KANE**



According to research from the U.S. Department of Energy and Argonne National Laboratory:

- ▶ Idling uses more fuel than restarting a car.
- ▶ Idling a car wastes 0.3-0.5 gallons of fuel per hour, and idling a medium-duty truck wastes 0.4-0.6 gallons of fuel per hour.
- ▶ Idling increases vehicle maintenance costs and can shorten vehicle life.
- ▶ Each gallon of fuel burned emits 20 pounds of carbon dioxide.
- ▶ Idling gets you nowhere!

