

**Winnetka Environmental and Forestry Commission
Notice of Regular Meeting
January 14, 2015**

The Winnetka Environmental and Forestry Commission will convene on Wednesday, January 14, 2015 in the Council Room at the Village Hall, 510 Green Bay, Winnetka, Illinois, at 7:30 p.m.

Agenda

Call to Order

- | | | |
|-----|--|-------------------|
| (1) | Introduction & Chair's Remarks | Presenter Dowding |
| (2) | Review and Summary of Minutes | |
| | a) Adoption of Meeting Minutes November 12, 2014 | Presenter Dowding |
| (3) | New Business, Old Business/Updates; | |
| | a) Net Metering Discussion | Presenter Dowding |
| | b) Environmental & Forestry Editorial Calendar for 2014-2015 | Presenter Dowding |
| | c) Web Content Review – Green Buildings | Presenter Dowding |
| | d) Web Content Review – Addition to Energy Web Page | Presenter Dowding |
| | e) Recycling Guide/Container Decal Review | Presenter McGee |
| (4) | Committee/Staff Reports; | |
| | a) Coal Tar Implementation/Educational Program Review | Presenter Lee |
| | b) Leaf Collection 2014 Announcement | Presenter Lee |
| (5) | Open Forum; | |
| (6) | Public Comment; | |
| (7) | Adjournment. | |

Posted Time and Date

NOTICE

All agenda materials are available at villageofwinnetka.org (*Government > Council Information > Agenda Packets & Minutes*); the *Reference Desk at the Winnetka Library*; or in the *Manager's Office at Village Hall (2nd floor)*.

The Village of Winnetka, in compliance with the Americans with Disabilities Act, requests that all persons with disabilities who require certain accommodations to allow them to observe and/or participate in this meeting or have questions about the accessibility of the meeting or facilities, contact the Village ADA Coordinator – Megan Pierce, at 510 Green Bay Road, Winnetka, Illinois 60093, 847-716-3543; T.D.D. 847-501-6041.

WINNETKA ENVIRONMENTAL AND FORESTRY COMMISSION**REGULAR MEETING****November 12, 2014****(Approved XXXX)**

A record of a legally convened meeting of the Environmental and Forestry Commission of the Village of Winnetka, which was held in the Village Council Room, 510 Green Bay Rd., Winnetka, Illinois, Wednesday, November 12, 2014, at 7:30 pm.

Call to Order: Chairperson Dowding called the meeting to order at 7:30 p.m. Voting Members present: Chairperson Chuck Dowding, Steve Scherer, Caryn Rosen Adelman, Charlotte McGee, Lawson Whitesides, Thomas Kehoe and Rosann Park-Jones. Voting Members absent: None. A quorum of voting members was present. Ex-officio Members present: Village Council Representative Stuart McCrary. Ex-officio Members absent: Student Representative Jackson Polston. Also present Rich Ciesla, Assistant Director of Water and Electric, and Giovanni McLean, Distribution Engineer, Public Works Analyst Dan Lee and 1 person in the audience.

- 1) Introduction & Chair's remarks: None
- 2) Review and Summary of Minutes; Adoption of Minutes October 8, 2014; Chairperson Dowding asked for approval of the October 8, 2014 minutes. Mr. Scherer requested a change to his remarks on page two to state that installing solar panels are similar to pool installation with regards to them being a potentially negative feature on the resale of a home and noting the maintenance required. Commissioner Adelman moved to approve the minutes with the noted changes and Mr. Scherer seconded. By voice vote, the motion carried.
- 3) New Business, Old Business/Updates;
 - a. LED Lighting Presentation; Mr. Lee introduced Mr. McLean, Distribution Engineer and Mr. Ciesla, Assistant Director of Water and Electric. Mr. McLean gave a PowerPoint presentation on Energy Efficient Street Lighting. He explained the technology comparison of the HPS light with advantages being inexpensive and their availability and the disadvantages such as high energy consumption, low operational life to the LED lights which have low energy consumption and are recyclable. He further noted that the LED have a higher capital cost.

Mr. McLean explained the different types of lights used throughout the Village and presented a comparison of these types of lights and their existing systems with the same lights if replaced with LED. The comparison included power usage, annual consumption, annual cost, operational life and annual energy savings. He stated that the Water & Electric Department's next steps will be to install more LED security lights, as they were found to be the most cost effective light to change, and to continue to investigate energy efficiency grants and seek input from public on LED lights.

Commissioners expressed confusion over cost comparison in the graphs Mr. McLean had prepared. Mr. McLean noted that in the case of the security lights, the different costs between existing HPS and proposed LED are capital and energy costs and that after the first year there are significant savings.

Mr. Scherer noted concerns that the Village lights should not reflect upward. Mr. McLean stated that due to the directional dispersion of LED lights, light boundaries would be more focused and directed downward, resulting in less wasted light.

Commissioner Adelman asked what was budgeted for lights in the coming year. Mr. McLean stated he did not know the total amount for that item but noted that Water & Electric is proposing to replace 30 security lights with LED in the next year.

Mr. Ciesla noted that color consistency is often the biggest concern with changing lighting and Mr. McLean noted that the 30 lights would all go in a designated area to maintain that consistency.

Commissioner Park-Jones asked what types of street lighting other communities have installed. Mr. McLean stated that he would research this issue and report back to the committee. Commissioner Whitesides stated it would be interesting to see what the public response had been in other communities.

Commissioner Scherer stated that he supported the initiatives of the Water and Electric to continue incorporating proper forms of lighting and to recognize the benefits of LED lighting.

Trustee McCrary noted the value he believes the Council takes in lower board support of projects/programs, and the consensus of the Commission was to support the initiatives of the Water & Electric Department towards energy efficient street lighting.

- b. Net Metering Discussion: Chairman Dowding refreshed the Commission on the discussion from the previous week, highlighting the findings that there were no clear economic benefits to increasing the current renewable energy production credit to the retail rate and that the Commission would thus need to discuss the philosophical nature of the issue.

He then introduced Mr. Ted Wynnychenko, 1086 Oak. Mr. Wynnychenko stated that he recently learned that the village's meter readers do not read his meter when all other meters are being read and instead take a separate trip for those homes with solar panels installed. He suggested that all meters be read at the same time including his via note-taking and later offsite entry to save the village time and money from making these separate trips.

Commissioners noted that if operational changes such as these would affect Mr. Keys' previous report they would like to hear his input on the issue and have exact figures.

Mr. Lee displayed Mr. Keys' previous report on the projector screen for commissioners to review.

Mr. Scherer stated that he recognized the benefits for someone to try and save money on their electricity by installing solar panels however explained he was not in favor of changing the rate. He expressed concern with system contamination if a significant amount of residents were to install them, noting that this issue currently only affects three residents.

Mr. Wynnychenko defended having solar panels, describing it as safe, efficient and having no negative environmental impact. He cited Illinois law which he noted was more favorable towards solar panel installation and thus green energy than Winnetka code and expressed his disappointment with the EFC for not taking up the cause.

Commissioner Adelman noted that the issue has been on agendas for the past two years, taking up significant commission and staff time despite it only affecting three homes. She also stated her belief that consideration in the issue should be based on its environmental benefits as numbers can be interpreted various ways.

Trustee McCrary noted the potential benefits for the homeowner with solar panel installation and that he saw the value of changing the rate as long as it is not an economic burden to taxpayers.

Commissioner McGee stated her belief that the village should support this issue philosophically and that as the environmental voice in Winnetka the Commission should present the item to the Village Council. Commissioners again requested to hear back from Mr. Keys prior to bringing anything forward.

Commissioner Whitesides stated that as long as the economic impact is not huge, is it a worthwhile thing to encourage residents to support this activity.

Commissioners questioned if the house used in the study was a comparable case compared to traditional solar panels. Mr. Wynnychenko indicated that he had placed a large number of panels on his home and that most would not install as many. He also noted that there are so many variables involved in the issue that comparisons would need to be made on a case by case basis.

Commissioner Park-Jones stated that she supported the issue.

Commissioners discussed what would happen to the system if there was a significant increase in solar panels in Winnetka. Commissioner Whitesides hypothesized that the Village would likely take notice of an increase early on and change policy accordingly.

Trustee McCrary suggested the issue be placed on the Council's agenda in a planning session in the near future to introduce them to this initiative. Chair Dowding agreed

however stated he would like to follow up with Mr Keys on several issues discussed, including meter reading costs/process and the impact of significant increases in solar panel installation. He also indicated his belief that the EFC should formalize their report to the Council.

- c. Environmental & Forestry Editorial Calendar for 2014: The Commission reviewed the Editorial Calendar for web page updates and noted that Green Building was the one remaining item. Commissioner Scherer indicated he had a prepared a draft for the item and was ready to provide.
- d. Web Content Review – Energy: Mr. Kehoe submitted a draft for the Energy topic for the FEC Web. He stated energy initiative include comfort, health, the environment and renewable energy to reduce reliance on fossil fuels. Commissioners reviewed the page and commended Commissioner Kehoe on his work. Chair Dowding verified with Mr. Lee that the manager’s office and appropriate department directors are sent all drafts for review prior to posting. The consensus of the Commission was that the page could be posted online.

Mr. Scherer submitted a draft for the Green Buildings topic for the EFC Web. Mr. Lee noted that he had been in contact with Community Development to provide input for the page. Chair Dowding encouraged Mr. Lee to meet with them as soon as possible as they would like the page to be reviewed and posted. Commissioners reviewed the excerpt and provided commentary, stating that research be done on energy audits and construction debris recycling, both past initiatives of the Village.

Recycling Brochure Review: Ms. McGee submitted a draft recycling guide brochure and requested the village send the brochure to all residents. Commissioners expressed pleasure with the document and discussed distribution options. Mr. Lee stated staff would review the document and consider various options for promotion.

Mr. Lee presented a photo of a sample recycling container decal for the commercial recycling containers. The Commission discussed the signage that would be placed on top of the container. It was suggested that recycling symbols be included for the plastic descriptions. The Commission also offered several wording suggestions for the cans and Mr Lee indicated he would share the changes made.

- 4) Committee/Staff Reports: None
- 5) Open Forum: Ms. Adelman asked questions regarding the process for keeping track of construction projects and the inspections for curb and street cuts upon completion. Mr. Lee stated that he would contact the Community Development Department and report back to her with an update.
- 6) Public Comment: None.
- 7) Adjournment: There being no further business the meeting adjourned at 9:45 p.m.

EFC Editorial Calendar for 2014-2015

Topics:

- Mission-**Landing (CD)** - Current Projects - **Recycling(CM)** - **Land (JP)** (Open Space, Landscaping) - **Energy (TK)** - **Green Buildings (SS)** - **Water (SS)** (Lake Michigan, Lagoons, **Storm System -Link to Village storm water site**) - **Air (CA)** - (2014 calendar will follow priorities. **Blue = Web Identifier Categories (Staff): Bold black = decisions : Green = Complete**

January 2014:

- Present for approval update to Mission **(CD)** and Public Storm System Material
- Publish Storm System Material **(Ask Megan to develop wording)**

February:

- Present for Review Recycling **(CM)**
- Present for Approval Current Projects
- Publish Mission

March

- Present for Review Land **(JP)**
- Present for Approval Recycling **(CM)**
- Publish Current Projects

April

- Present for Review Storm System Update (Spring)
- Present for Approval Land **(JP)**
- Publish Recycling **(CM)**

May

- Present for Review Water **(SS)**
- Present for Approval Storm System Update (Spring)
- Publish Land **(JP)**

June

- Present for Approval Water **(SS)**
- Publish Storm System Update (Spring)

July

- Publish Water, Land and Recycling

August

- Web Content Discussion – Air, Energy, Green Buildings

September

- Present for Review Air
- Present for Review Energy
- Discuss Green Buildings

October

- **Present for Approval/Publish Air**
- Discuss Green Buildings

November

- Open Topic Discussion
- Present for Review Green Buildings
- **Present for Approval/Publish Energy**

January 2015 (December meeting cancelled)

- Present for Review Green Buildings (if next draft is ready)
- Open Topic Discussion

February 2015

- **Present for Approval/Publish Green Buildings**
- Review Water Page (Coal Tar Education Campaign)

Redirect the Built Environment – Encourage and facilitate construction of high performance (green) buildings and infrastructure

This objective, together with that for the preservation of the forest canopy and green & open space encompass the visible environment that contributes to Winnetka’s village-like ambiance. This page focuses on the built environment and the “Land” pages addresses the natural. Guidance on design and construction of high performance buildings (Green Buildings) is that provided by LEED (Leadership in Environmental and Energy Design) Building (B) and Neighborhood Development (ND).

Residents should consider the following when planning remodeling or new construction;

- Adherence to the [2012 International Energy Conservation Code](#), adopted by the Village in July 2012.
- Encouragement of design professionals to follow USGB (US Green Building Council) LEED Building and neighborhood certification strategies when economically possible. For more information on having your project LEED-certified, click [here](#).
- Adding typical Green components, which include but are not limited to;
 - Low flush toilets and showers
 - CFL & LED bulbs and other low energy consumption lighting
 - [Energy efficient appliances](#)
 - Solar panels for heating swimming pools, homes and power generation
 - Best [stormwater management](#), as recommended by the Public Works Department’s Engineering Division. [A link identified in the note](#)

Comment [DL1]: LINK TO BROCHURE

Construction Debris Recycling

In 2010, the WEFC-proposed Dollars in your Dumpster Program was enacted into ordinance, which established requirements for construction and demolition debris recycling. Under the ordinance, at least 75% of the construction and demolition debris gathered during most types of construction activity within the Village must be recycled. For more information on the ordinance, see the links below:

- [“Dollars in Your Dumpster” PowerPoint](#), prepared and presented by EFC in 2010
- [MC-5-2010 An Ordinance Pertaining to the Recycling of Construction and Demolition Debris](#)

Comment [DL2]: LINK TO POWERPOINT

Comment [DL3]: LINK TO ORDINANCE

Building Codes

Information on existing building codes and permitting can be found at the [Community Development page](#).

How energy is used is just as important as how it is made and where it comes from. The more efficient our buildings, houses and vehicles are, the less energy is needed; the less energy used; and the less harm to the environment.

Simple Tips to Daily Routine

- Fill the dishwasher all the way
- Use cold water for laundry
- Wash and dry several loads of wash to catch dryer while still hot
- Turn off lights when leaving a room
- Draw curtains in summer, open curtains in winter
- Adjust refrigerator temperature to between 32 and 39 degrees
- Maintain home temperature at efficient levels, setting back at night
- Run large appliances in the evening
- Participate in the [Recycle my Fridge](#) Program
- Take public transit whenever possible

Renewable Energy

The sun gives us the power to generate electricity which in turn keeps your shower hot and heats and cools your house in a way that is clean safe and sustainable. Solar energy can reduce our reliance on fossil fuels and be converted into electricity by use of proven technologies. With increased awareness of the environmental and health impacts related to the burning of fossil fuels, it is clear that generating more of our energy needs from solar power is becoming a wiser choice.

Bio-Mass and Biofuels

Fuel can be made from organic materials and used to power vehicles or generate electricity. Bio-mass consists of all plant and plant-derived materials and can be used as a substitute feedstock for the production of transportation fuels, heat and power. Bio-mass includes everything from wood, wood scraps, woody plants, residue from forestry operations and can be used to make products like biodiesel or ethanol to fuel transportation vehicles.

Biodiesel

Biodiesel is a domestically produced renewable fuel made from vegetable oils, animal fats or recycled restaurant greases. It is safe to use, biodegradable and reduces the release of carbon and particulate matter into the environment. Blends of 20% biodiesel and 80% petroleum diesel can be used in unmodified diesel engines – use of pure biodiesel may require engine modifications to avoid maintenance and performance problems. The Village of Winnetka currently has many trucks that run on 20% biodiesel fuel and is designated as one of the [Illinois Green Fleets](#).

The Village takes part in several other energy-efficient initiatives, such as:

- Use of Energy Star Appliances
- Use of CFL light bulbs/motion sensors in municipal yards facilities
- Purchase of a Hybrid Ford Escape used by Engineering Division
- No Idling Policy for Village trucks and equipment

Home Energy Calculator

An interactive energy efficiency website allows homeowners the opportunity to identify cost saving recommendations. The home energy calculator is available on the Illinois Municipal Electric Agency's website at www.imea.org/EECalculator.aspx. The site has reference information, educational material on energy for children as well as the interactive tool for determining energy savings.

For more information on energy in the Village, visit the [Water and Electric Department home page](#).

Village of Winnetka Recycling Guide



Mailing label here

This is your comprehensive guide covering how and what may be recycled in Winnetka (residential, commercial, or our sidewalks); by dropping off at the Winnetka Municipal Facility building; and a list of recycling resources for other items.

Bulk rate stamp

What should I do BEFORE recycling?

BEFORE you put anything in your residential recycling bin, commercial recycling tote or dumpster, or in a recycling receptacle on our sidewalks:

- DO NOT put recyclables in plastic bags as they gum up the machinery at the recycling plant. If you want to use a plastic bag to line an interior container, then dump the contents directly into your exterior bin/tote/dumpster minus the plastic bag.
- Do USE paper bags or simply throw recycling directly into your outdoor green bin.
- Rinse/empty all glass, aluminum/steel, and plastic so that it is free of food residue.
- Leave plastic lids on containers.
- Flatten ALL boxes. (This is especially important for organizations and businesses that share dumpsters to ensure there is room for everyone's recyclables.)
- Place your recycling containers at your curb by 7 am the day of your collection.

No Food. No Liquids.

Additional green recycling bins are available for purchase (large and small) and all questions may be answered by contacting the:

Village Department of Public Works
847-716-3568

Rummage Sales - Christ Church, 470 Maple St., Winnetka, 847-446-2850
www.christchurchwinnetka.org

Winnetka Congregational Church, 630 Lincoln Ave. Winnetka,
847-446-0575, www.wcc-joinus.org

Sports Equipment - Play it Again Sports, 525 Waukegan Rd., Northbrook,
847-564-9180 www.playitagainsports.com

Styrofoam Packing Peanuts – UPS Store, 1001 Green Bay Rd., Winnetka
Tires - Winnetka, will pickup for fee & recycle, 847-716-3568,
www.villageofwinnetka.org

What are some useful Web Sites?

Catalog Choice reduces the number of catalogs you receive in the mail.
www.catalogchoice.org

Collective Resource is a residential and commercial composting pick up service based in Evanston and serving the North Shore.
www.collectiveresource.us

Earth 911 is a website providing a one-stop shop for reducing your impact, reusing what you have, and recycling your trash. www.earth911.com

Solid Waste Agency of Northern Cook County is SWANCC's Green Pages and provides information & resources for recycling & places to recycle.
www.swancc.org

US Environmental Protection Agency provides information & resources to protect the environment. www.epa.gov/epahome/learn.htm

Village of Winnetka Department of Public Works page has more information on recycling. www.villageofwinnetka.org

This information is not an endorsement of any company, product or service. Please call location prior to drop-off.

Remember: The list of acceptable items you recycle in your residential recycling containers may ALSO be recycled in the green recycling receptacles located on the sidewalks throughout the Village.

Clothes - Christ Church, 470 Maple St., Winnetka, 847-446-2850
www.christchurchwinnetka.org
Winnetka Congregational Church, 847-446-0575,
www.wcc-joinus.org

Corks - Whole Foods, 840 Willow, Northbrook, 847-205-5353,
www.familyserviceswn.org
www.wholefoodsmarket.com

Drugs and Sharps - (hypodermic needles) Winnetka Fire Dept.,
410 Green Bay Rd., 847-501-6029, drugs must be in original
containers, www.villageofwinnetka.org

Eyeglasses - Hadley School for the Blind, 700 Elm St., Winnetka,
847-446-8111, www.hadley.edu

Junk Mail - Faith, Hope, Charity, 191 Linden St., Winnetka, has a paper
retriever bin for catalogs & all paper to earn money for programs
Hazardous Waste/Chemicals - SWANCC, Glenview, 847-724-9205,

www.swancc.org

Hangers - Wire - Zenglers Cleaners, 1010 Tower Rd., Winnetka
847-446-6670, www.zenglerscleaner.com

Ice Skating Rink Tarps - Witt Brothers, 847-251-4250

Light Fixtures - Bellows Shop, 847-446-5533, 1048 Gage St., Winnetka,
consignment.

Media - Vintage Vinyl Records, 925 Davis St, Evanston, 847-328-2899
Game Stop, 1865 Tower Dr., Glenview, 847-988-8186
or 920 Church, Evanston, 847-328-8606.

Motor Oil - Fred's Service, 574 Green Bay Rd., Winnetka, 847-446-3025,
car batteries, oil & gasoline.

Paint - Latex: Winnetka, place dried out empty cans in household
garbage. Oil: Glenview Transfer Station, 1151 N.River Rd.,
Glenview, SWANCC, - 847-724-9205, www.swancc.org

Paper Shredding - SWANCC, Glenview, 847-724-9205,

www.swancc.org

Plant Containers - Hlavacek Florist, 746 Green Bay Rd., Winnetka,
847-446-4490 - Glass, ceramic

Edwards Florist, 917 Willow Rd, Winnetka, 847-446-8220 - Glass
Propane Tanks - Millen's Hardware, 1219 Wilmette Ave., Wilmette,
847-251-3060 exchange and recycle for fee.
www.acehardware.com

Rags - USAgain - Drop Box at Niles North High School,
9800 N. Lawler Ave, Skokie

What may I recycle in residential, commercial, and sidewalk recycling bins?

- Paper, newspapers, magazines, catalogs, junk mail, and telephone books
- Chip board (i.e. cereal boxes, towel cores, shoe boxes)
- Envelopes (window style are OK)
- Computer paper
- Corrugated cardboard boxes (maximum size 2' x 2')
- All glass bottles & jars
- All metal food & beverage cans
- Aluminum foil & pie plates
- Plastic soda bottles, milk/water jugs, most juice & detergent bottles, and any other rigid or semi-rigid containers labeled #1 though #5 and #7 and lids. You will find the number on the bottom of the item.
- Refrigerated gable top cartons such as milk, juice or cream, and non-refrigerated shelf-stable cartons such as juice packs, soy milk, soups or wine.

What should I NOT put in our residential, commercial, and sidewalk bins?

- Plastic bags (see page 5)
- Polystyrene/Styrofoam (see page 4)
- Single use paper goods-plates, cups, napkins, towels, tissues
- #6 Plastic rigid or semi-rigid containers and lids (e.g. Solo cups)
- Pizza boxes and other food-contaminated paper goods
- Waxed, frozen or refrigerated food containers
- Scrap metal other than food containers
- Lids and caps from glass bottles
- Window glass, light bulbs, mirrors, dishes, mugs, plates
- Containers from automotive products, chemical & paint products

What should I do with yard waste?

- Village Yard Waste Bags must be used for clippings and other similar landscaping refuse. They can be purchased for \$2 each at The Grand, Lakeside Foods, and Village Hall. Generic yard bags will not be picked up unless a \$2 sticker is attached. These stickers are available at the Village Hall.
- Other yard waste, such as brush and branches, must be bundled and each bundle must have a sticker attached. Bundles cannot be larger than 2'x2'x4'
- Yard waste will be picked up on your regular trash day.

What may I recycle at the Winnetka Municipal Facility Building, 1390 Willow Road, Winnetka?

These items may be dropped in the lobby M-F from 8:30am-4 pm:

- Athletic Shoes
- Batteries
- Cartridges - Ink Jet and Toner,
- Cell Phones
- Compact Fluorescent Light Bulbs
- Small Electronics (visit avenuestoIndependence.org for list of acceptable items.
- Holiday Lights
- Styrofoam - see below for guidelines
- Thermometers (mercury)

These items may be dropped off in the back of Building A on Tuesdays from 10 am-12 pm and on Thursdays from 1-3 pm.

- Answering Machines, Camcorders, Cameras, CDs or DVDs, Computer monitors, Computers (Desktop, Notebook, Tablet), Copy Machines, Fax machines, Humidifiers, Microwaves, MP3 Players, Postage Machines, Power Tools or Cords, Printers (Multi-function Printers), Satellite Receiver, Scanners, Shredders, Small Home Appliances (Toasters, Blenders, Vacuum Cleaners), Stereo Equipment, Telephones, Televisions, Typewriters, Video Game Consoles, Video Recorders/Players. (For complete list please contact Winnetka Public Works Department at 847-716-3568.)

What should I do with Styrofoam #6 plastics?

#6 block and food service style polystyrene (styrofoam) may be dropped off at the Village Municipal Facility Building at 1390 Willow Road every weekday from 8:30am to 4pm.

Instructions for styrofoam recycling

- Make sure your styrofoam has the triangle recycling symbol
- Place packaging foam and foodservice foam in separate boxes
- Foodservice containers MUST be clean and rinsed
- No straws, lids, plastic wrap, or trash
- No packaging peanuts (take to UPS, 1001 Green Bay Rd., Winnetka)
- No foam insulation, foam rubber, foam sheets

What should I do with plastic bags?

Plastic bags, clean, dry, and free of food residue may be dropped off at the Grand and all other stores that collect plastic (like The Grand, Mariano's, Jewel, Whole Foods, Target, Trader Joe's, Staples) - even if they just say "grocery bags". Bags must be translucent and pale not dark and opaque.

The kinds of plastic bags/film that may be taken to these stores all the time are:

- Grocery bags
- Dry cleaner bags
- Newspaper sleeves
- Cleaning and dry produce bags
- Zip loc bags (clean and dry)
- Cereal bags
- Bread bags (clean and dry)
- Salt bags (shaken)
- Ice bags (no moisture or metal/hard clips)
- Garment bags
- Bubble wrap
- Case wrap (soda and water bottles, canned goods, Costco, etc.)
- Overwrap (toilet paper and paper towel)
- Polyethylene stretch and shrink wrap, foam, and other packaging (recycle codes 2 & 4)

What are some options for other items?

Appliances - RecycleMyFridge.org will pickup working refrigerators only. Will receive a \$50 prepaid utility card.

Car Batteries - Fred's Service, 574 Green Bay, Winnetka, 847-446-3025

Bicycles - Green Bay Cycles - 999 Green Bay, Winnetka 847-446-7433. All donations go to WorkingBikes.org.

Books - Wilmette Public Library, 1242 Wilmette, 847-256-5025

Glencoe Public Library, 320 Park, 847-835-5056

Building Materials - Evanston Rebuilding Warehouse, 2101 Dempster, 847-864-9246, www.evanstonrebuildingwarehouse.org

Village of Winnetka Public Works

Coal Tar Ban Implementation Plan

Pavement Sealant Applicator's License

- Application form already produced by staff; will be made available at PW facility and online **January 2015**

Notice/Letter to Applicators, Hardware Stores

- Staff will produce letters to send to various applicators/contractors and hardware stores informing them of the ban/licensing requirements and the appropriate application documents in **February-March 2015** to coincide with upcoming work season.

EFC can assist in compiling a list of such businesses/locations for staff to contact

- Notification efforts will be ongoing as PW staff will be identifying recently sealed driveways and sending questionnaires/information guides to property owners.

Web information

- EFC's Water page can serve as the web location for coal tar education. The following items can be provided:
 - o EFC's full report (already posted)
 - o Village of Winnetka Coal Tar Ban Information Guide (draft is ready and will be in the agenda packet this month for EFC review) – can be posted **following EFC approval**
 - o Applicator's License Application (also on Public Works Page)
 - o Any other information/documentation the EFC would like to create can be produced and posted in **January-March 2015**

Documentation will also be made available at the Municipal Yards Facility

Village of Winnetka Coal Tar Ban Information Guide

What is Coal Tar?

- ◆ Coal tar is a waste material generated during coal processing (the conversion of coal to coke).
- ◆ It is often a component of certain types of sealants used to protect and beautify asphalt pavement such as residential driveways and parking lots.

Why did the Village ban it?

- ◆ Coal tar contains high levels of a class of chemical compounds known as polycyclic aromatic hydrocarbons (PAH). Studies show that PAHs are harmful to fish and, with prolonged exposure, pose a risk of cancer in humans.
- ◆ Sunlight and vehicle traffic wears down sealants over time and sealcoat flakes are washed away by rain into bodies of water or carried away by wind into homes.
- ◆ Research conducted by the City of Austin and the U.S. Geological Survey found that PAH levels were significantly higher in water runoffs from coal-tar sealed driveways.

What does the ban mean?

- ◆ As of August 19, 2014, the use of coal tar-based sealing agents is prohibited on all (public and private) driveways, parking lots and other roadway surfaces in the Village of Winnetka. Asphalt-based sealant products are still acceptable.
- ◆ All contractors and commercial/multi-residential property owners applying pavement sealants must attain a Pavement Sealant Applicators License through the Village to confirm they do not use products that contain coal tar (renewed annually).
- ◆ Property owners of single family lots applying sealant themselves do not need a Pavement Sealant Applicators License.

What are my other options?

- ◆ Use asphalt-based sealants.
 - Significantly lower PAH level
 - Sold in most home improvement stores
 - More common sealant used in the western United States
- ◆ Replace asphalt with concrete driveways.
- ◆ Leave driveways unsealed.



Where can I learn more?

- ◆ Contact the Village of Winnetka Public Works Department at (847) 716-3568.
- ◆ Prior to the ban, the Winnetka Environmental and Forestry Commission researched the subject and presented findings to the Village Council. To view the EFC's report on coal tar, visit <http://www.villageofwinnetka.org/government/boards-and-commissions/environmental-and-forestry-commission/water>

Leaf Collection 2014

Every year during the fall season the Public Works Department collects leaves (at no charge) from the parkways in residential neighborhoods. The collected leaves are transferred to Thelen Sand & Gravel to be composted. In 2014 Public Works collected roughly 6,400 cubic-yards of leaves as of late November and anticipates an additional 3,000 cubic yards to complete the leaf collection season. On average the Village typically collects approximately 10,000 cubic-yards of leaves from an annual leaf collection season. Overall, this program continues to be a success for the Village and equipment remained reliable throughout the season.