

**SOLID WASTE REGULATIONS
PROPOSED CHANGES
TO REGULATIONS R2:2, R2:3, R2:5 and R2:7
SUBMITTED TO CITY CLERK 2-4-08**

R2:2 Collection frequency

- (1) Residential curbside refuse, recyclables, and compostables (seasonal) are to be placed at the curb or designated collection site before 7 a.m. on the weekly collection day.
- (2) The City will collect all properly prepared cans, bags or bundles of normal household refuse, recyclables, and compostables on the weekly collection day.
- (3) Weekly residential curbside solid waste collection services are provided on a geographic basis.
- (4) The seasonal weekly curbside compostable collection program is operated from April 1 through November 30 ~~October 31st. One additional week of compostable collection is provided starting the Monday after Thanksgiving.~~
- (5) Multi-family locations, nonprofits, public elementary and secondary schools, commercial locations within the DDA area and Federal, state, county or city buildings with City-approved dumpsters are eligible for weekly refuse and recycling collection service. Businesses located outside DDA may contract with the City for refuse collection on a for-fee basis. The scheduling of collection is determined by the City. Applicable fees for the collection of refuse from dumpsters may be provided by council resolution. If the charges are not paid, they may be assessed against the property pursuant to section 1:292 of Chapter 13 of this Code.
- (6) Commercial establishments located on DDA area alleys using curbcarts for solid waste storage will receive collection service three times a week for properly-contained refuse at no charge.
- (7) The City will provide additional emptying of refuse dumpsters on a pre-arranged, pre-paid basis. An additional fee is required.

- (8) Solid waste collectors observe the following six holidays each year: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. On these specific holidays the ~~Resource Recovery~~ W. R. Wheeler Service Center is closed and there is no solid waste collection. During weeks where one of these holidays occurs, solid waste collection for the days on and following the holiday will occur one day later. Exceptions to the standard holiday observation schedule may occur provided these are publicly communicated through City publications and local newspapers.

R2:3 Point of Collection

- (1) Each category of solid waste containers should be clearly separated from each other. For example, the recyclables and compostable containers should be separated from the automated refuse carts by at least three feet.
- (2) Whenever possible, the automated refuse carts must be properly placed at the curb on collection day to maximize automated collection efficiencies, with the serial number facing the street, and allowing three feet between carts and any other obstacles, such as utility poles, trees, vehicles, other collection containers, etc. Carts should not be placed for collection beneath tree branches, wires or overhangs lower than 15 feet. Acceptable variations are to park the cart in the driveway near the street or on the extension, next to the curb. In certain situations the City Administrator or his/her designee may specify exact collection location for carts.
- (3) For residential dwellings and other locations served by an alley, the point of collection may be adjacent to the alley or at the street if the city administrator determines that it is a preferable point for collection.
- (4) Section R2:9 provides for variances on point of collection that are available for residential and commercial locations.
- (5) Solid waste collection services for special events are available for a fee from the City on a pre-arranged, pre-paid, case-by-case basis.
- (6) Solid waste containers may not be placed in the street where there are marked bike lanes.

R2:5 Solid waste containers

(1) GENERAL CONTAINER REQUIREMENTS

- (A) Solid waste must be properly prepared for collection and contained to avoid littering. Paper products and other loose debris must be covered to avoid blowing. The property owner or designee must repackage torn bags or tipped containers in a timely manner in order to properly contain the materials for collection.
- (B) Solid waste containers must be maintained to be safe for access, such as not having jagged edges or greasy sides.
- (C) Recycling bins are the property of the City and may not be removed from the specific address to which the bin has been issued. Replacement recycling bins are available at no charge from the City. Additional recycling bins, beyond the standard allocation of up to 3 bins, are available from the City at cost, as supplies are available.
- (D) Cardboard boxes or brown paper bags may be used as containers to hold surplus recyclables that do not fit into the City-provided recycling bin.
- (E) Cardboard boxes are not accepted as refuse or compostable containers.
- (F) Fluorescent tubes may be placed inside refuse carts. Unbroken fluorescent tubes are also accepted for recycling at the Drop-Off Station.
- (G) Solid waste containers that are emptied by automated lifts on vehicles may not weigh more than the maximum weights specified on the containers and 4 tons for 6-yard dumpsters.
- (H) The fees for the cost and delivery, servicing, and replacement of [refuse and compostable](#) curbcarts will be determined by City Council resolution and will be invoiced to the property owner. Nonpayment of the invoice will result in the costs being assessed against the property owner pursuant to section 2:5 of Chapter 26.
- (I) The number of carts assigned to a location is dependent on the amount of solid waste expected to be generated on-site each week. Apartment locations of under 10 units generally will be assigned 64 gallons of capacity per dwelling unit.

(42) PREPARATION REQUIREMENTS FOR "COMPOSTABLES"

- (A) Residents with curbside refuse collection receive weekly compostable collection from April 1 through November 30 ~~October 31st. One additional week of compostable collection is provided starting the Monday after Thanksgiving.~~
- (B) Acceptable compostable yard waste must be placed in ~~metal or plastic containers no greater than 35 gallons. Containers must have a "Compostable" label placed on the outside. The labels are provided at no charge from the City. Containers must have handles. Residents may also use 30-gallon paper bags constructed to hold yard wastes. Compostables may also be placed in City authorized compostable curbcarts. Customer supplied cans of any type, other than the curbcarts, are not acceptable.~~ Plastic bags are not accepted for compostables.
- (C) Brush and tree limbs up to 6" in diameter may be cut into 3-4 foot lengths and tied into bundles up to 18 inches in diameter for seasonal curbside yard waste collection. Residents must make their own arrangements to dispose of branches larger than 6 inches in diameter and tree stumps.
- (D) Each ~~filled container,~~ bag or bundle may weigh up to 50 pounds.
- (E) Curbside-collected compostables do not include ~~grass clippings, sod, dirt, stones, refuse, food waste or other prohibited materials listed in section R2:6. With the exception of City-authorized compost curbcarts, all other collection containers (including 30 gallon paper bags) are prohibited from including grass clippings.~~
- (F) ~~A special Street leaf collection is provided by the City each fall. Residential street leaves are to be swept into the street by 6 a.m. on the scheduled collection day. Leaves must be at least one foot away from the curb face to allow the gutter water to drain. Compostables Pumpkins are acceptable in the street leaves. Bundled brush and tree limbs must be placed at the curb.~~
- (G) To protect the quality of water entering the storm drains and to provide safe access along bike lanes, leaves may not be raked or stored in the street except on specific days connected with the fall street leaf pickup program. Except for streets marked with bike lanes, leaves may be raked into a street no earlier than the weekend preceding the scheduled fall neighborhood street leaf pickup day. All storm drain grates must be clear of debris and one foot between the curb and leaf piles must be left open to allow for adequate water drainage. Along marked

street bike lanes, leaves may be stored on the extensions and raked into the streets no more than 24 hours before the scheduled street leaf pickup day.

- (H) Christmas trees are collected on a seasonal basis from the residential curbside routes and from pre-arranged collection points at multi-family locations. One curbside collection will be provided in January. All ornaments, lights, plastic bags, tree stands and other non-compostable materials must be removed before collection or delivery to the Drop-Off Station. Trees may also be cut and prepared for seasonal curbside Compostable collection.
- (I) Evergreen wreaths and other floral arrangements with non-compostable components such as plastic backing, wires and decorations must be disposed of as refuse.
- (J) Residents may bring their grass clippings and up to one cubic yard of yard waste per visit at no charge to the City's ~~Resource Recovery Center.~~ W. R. Wheeler Service Center. Commercial entities, residents, and nonresidents may use this facility or the drop-off station for compostables on a for-fee basis.

(53) PREPARATION REQUIREMENTS FOR RESIDENTIAL RECYCLABLES

Residents must separate and properly prepare the following materials from their household solid waste for recycling collection. Recyclables must not be mixed with refuse, compostables or garbage (food waste).

- (A) **CONTAINER RECYCLING** The following rinsed materials are to be placed in the green "Containers" recycling bin. All lids are to be removed and plastic caps discarded.
 - (a) **Cans & Aerosols**
Includes rinsed steel and aluminum metal cans, food trays, metal jar lids, aluminum foil, empty paint cans and empty aerosol metal cans.
 - (b) **Glass and Ceramics**
Includes clear and colored glass bottles, jars, drinking glasses, perfume bottles, clean mugs, plates, dishware, glass cookware, terra cotta flower pots, earthenware. No light bulbs or florescent tube lights. No plastic dishes or polystyrene.
 - (c) **Coated Beverage Cartons & ~~xiexie~~Aseptic Boxes**
Includes empty milk and juice cartons and juice boxes without straws.

- (d) **Plastic Bottles #1, #2**
Includes plastic small-mouthed bottles marked 1 or 2 (PETE, or HDPE) only. Includes milk jugs and most bottles used for laundry, shampoo, cleansers, salad dressing and water. No wide-mouthed tubs, such as used for margarine or cottage cheese. No container that held a toxic material, such as motor oil. No other plastics. No "Styrofoam" cups or packing peanuts.
 - (e) **Scrap Metal**
Includes clean residential light iron and non-ferrous scrap metal, such as pots and pans, utensils, metal pipes, clothes hangers, aluminum food tins and other items up to 1 cubic foot, weighing up to 20 pounds each. Teflon coating and non-metallic handles are acceptable. No electrical appliances.
- (B) **PAPER AND FIBER RECYCLING** The following loose, dry products are to be placed in the tan "Newspaper" recycling bin.
- (a) **Newspaper**
Includes all newsprint publications and newspaper inserts. No yellowed newspapers.
 - (b) **Phone Books & Paperback Books**
Includes all soft-cover books and catalogs. No hardcover books or spiral-bound notebooks.
 - (c) **Magazines**
Includes all glossy, newsprint and mixed paper magazines, catalogs and advertisements. Staples and glue bindings are acceptable.
 - (d) **Mixed Paper & "Junk Mail"**
Includes copier paper, note pad paper without the backing, loose-leaf filler paper, computer paper, file folders, shredded paper, crayon-marked paper, blueprints and paper envelopes including those with gummed labels, windows and made of manila paper. Includes greeting cards and wrapping paper (except tissue paper) without metallic print or glitter.

No rice paper. No treated papers such as thermal fax paper or carbon paper. No foil-backed or foil-embossed papers. No plastic envelopes (such as Tyvek--look for the plastic number on the envelope inside a

triangle). No tissue products such as paper napkins, plates, cups, hand towels, etc, even if clean. No tissue wrapping paper. No metal or plastic binders, clips or tags.

(e) **Paper Bags**

Includes paper grocery and other shopping bags of any color. No plastic bags.

(f) **Corrugated Cardboard**

Identified as having two layers of paper with a rippled layer between. Boxes must be empty, flattened and either cut down or folded up to 3 feet x 2 feet. Extra cardboard may be set outside the recycling bins. Staples and tape are acceptable. Stacks of flattened boxes should be tied with string, or taped in bundles up to 6 inches thick, or tightly stuffed into a box up to 18 x 24 x 12 inches and up to 50 pounds. No waxed cardboard (used for some produce) or large quantities of Asian rice cardboard (has a yellow-orange color).

(C) **SEPARATED PAPER.** The following materials are to be bagged separately and placed inside the "Newspaper" bin or next to the recycling bins.

(a) **Boxboard**

Flattened boxboard must be placed inside a paper bag or boxboard box. Boxboard includes non-corrugated white and colored cereal, tissue and shoe-type boxes, canned beverage boxes, backs of note paper pads, paper towel rolls and paper egg cartons. No waxed or freezer food boxes.

(D) **RESIDENTIAL TOXIC MATERIAL FOR RECYCLING** The following materials must be bagged separately and placed outside of the curbside recycling bins or taken to the Drop-Off Station. These materials are not accepted from commercial sites or as part of the standard multi-family recycling collection program. Multi-family site managers interested in establishing a supervised program to collect batteries, oil filters or motor oil from residents should contact the City.

(a) **Motor Oil**

Pure crankcase oil, only, must be placed in unbreakable, see-through containers, less than 11" tall, such as a plastic milk jug. Lid must be secure and taped. The City will accept up to 3 gallons/week of used motor oil per residence. No other liquids can be mixed with the oil including transmission fluid, antifreeze or gasoline.

(b) **Oil Filters**
Used old filters must be drained for 24 hours and stored in sturdy transparent, sealed plastic bags. The City will accept up to 3 filters/week per residence.

(c) **Batteries**
Non-leaking, used household batteries must be placed in a clear plastic bag. No appliances with built-in batteries, such as radioactive smoke alarms, dust busters or flashlights or Polaroid film batteries. Lead-acid vehicle batteries are accepted at the Drop-off station only. No gel-cell or oil batteries accepted.

(E) The City may conduct special recycling pilots or seasonal collection programs. Materials other than those listed above may be accepted for recycling only during the program duration.

(F) The City accepts additional items for recycling at the Drop-Off Station, described in R2:7.

(64) COMMERCIAL RECYCLING COLLECTION

(A) Commercial locations including businesses and institutions that receive City solid waste collection are required to separate their paper and container products in the same fashion as required of residents.

(B) Commercial locations participating with the City's recycling program must use special green plastic bags to hold mixed paper or containers unless assigned recycling bins, carts or dumpsters.

(C) Alternative methods for handling commercial recyclables are available at the City's Drop-Off Station, the Ann Arbor Material Recovery and Transfer Facility or through the use of private sector services.

(D) For commercial locations, cardboard in recycling dumpsters must be flattened. Cardboard collected along commercial street and alley collection routes must be flattened and bundled or stuffed into other cardboard boxes. Each bundle or box may weigh up to 50 pounds.

(E) The City will not collect recyclable toxic material from regulated commercial locations including businesses and institutions as regulated under the Federal Resource Conservation and Recovery Act.

R2:7 Solid waste facilities

(1) W. R. WHEELER SERVICE CENTER

~~The City operates a Resource Recovery Center at 4120 Platt Road to provide comprehensive solid waste management, recovery and disposal services.~~

The City provides comprehensive solid waste management, recovery and disposal services at the W. R. Wheeler Service Center at 4150 Platt Road, south of East Ellsworth Road.

- (A) Proof of City residency, as defined in section R2:1, may be required for depositing certain materials or receiving preferential fees. For the purposes of this section, any of the following shall be considered proof of residency: a current water bill with an Ann Arbor residential address, voter registration form or other document issued by the City only to residents.
- (B) Fees may apply for various services—as determined by resolution of City Council or in Council-approved contracts.
- (C) Hours of operation may vary.

(2) DROP-OFF STATION

The Drop-Off Station at 2950 East Ellsworth Road is a regional facility, and when open, accepts material as defined below. Some fees may apply, as determined by the site operator.

- (A) All recyclables listed for the residential recycling and toxics collection program.
- (B) Additional recyclables are accepted at this facility, including vehicle batteries, household batteries, motor oil, oil filters, larger-sized scrap metal, and flattened corrugated cardboard up to 6 feet in length.
- (C) **Scrap metal.** Scrap metal includes bicycles, lawnmowers, lawn furniture, odd pieces of aluminum siding and pipes. All fluids must be drained.

- (D) **Household appliances.** Household appliances, such as refrigerators, stoves, washers, dryers, dehumidifiers and dishwashers. A per-appliance fee is charged, which includes the cost for Freon-removal.
- (E) **Compostables.** Compostables, as defined in Chapter 26 of the City Code and including grass clippings, may be dropped off for a fee.
- (F) **Municipal Solid Waste and Construction Debris.** Includes all non-hazardous municipal solid waste, such as carpeting, mattresses, furniture, trash, and building debris, drywall, shingles, plywood, painted or treated wood, concrete with steel, and bricks.
- (G) Other materials at the option of the facility operator.

(3) MATERIALS RECOVERY & TRANSFER FACILITY

The Material Recovery and Transfer Facility (MRF), located at the ~~Resource Recovery~~ W. R. Wheeler Service Center accepts and processes recyclables as determined by the operator.

- (A) Customers to the MRF must pre-arrange through the City's contracted operator to be able to deliver recyclables to the MRF. Please call the contracted MRF operator for more information.
- (B) Fees for the use of the MRF are pre-arranged by the operator.
- (C) Hours of operation may vary.

(4) THE COMPOST CENTER

The Compost Center, located at the ~~Resource Recovery~~ W. R. Wheeler Service Center, processes compostable material into finished compost and wood mulch.

- (A) Compostable material is subject to a processing fee set by City Council through resolution. Material acceptable at the Compost Center includes wooden pallets and untreated wood up to 8 feet long by 6 inches thick.
- (B) Large quantity sales of the processed compost and mulch must be pre-paid at the MRF Scalehouse. Small quantity processed compost sales are handled at the Drop-Off Station.

(5) THE MATERIALS RECOVERY FACILITY EDUCATION CENTER

The MRF Education Center is located on the second floor of the MRF administrative office. The Education Center provides educational tours, open houses and schedules the classroom space for community meetings on a pre-arranged basis. Please call the City for more information. Fees for the use of the Education Center may be applicable. All persons using the Center shall abide by all facility use rules. Failure to abide by the rules is subject to the penalties of City Code Section 2:13.

(6) THE TRANSFER STATION

The Transfer Station located at the W. R. Wheeler Service Center accepts and processes refuse as determined by the operator.

- (A) Customers to the Transfer Station must pre-arrange through the City's contracted operator to be able to deliver refuse. Please call the contracted operator for more information.
- (B) Fees for the use of the Transfer Station are pre-arranged by the operator.
- (C) Hours of operation may vary.