



Chapter 26 Solid Waste Rules & Regulations

Containing
Chapter 26 of the City Code on
Solid Waste Management
And Related Regulations

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City of Ann Arbor, Public Services/Solid Waste
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CITY CODE, CITY OF ANN ARBOR, MICHIGAN

CHAPTER 26. SOLID WASTE MANAGEMENT

Approved by City Council, Revisions Effective August 4, 2004

2:1 Definitions.

- (1) ***Building material*** means wood with nails, other wood scrap, pane glass, dry-wall pieces or debris, plaster, carpeting, eaves troughs and shingles, structural demolition material and other items as defined by the Solid Waste Regulations.
- (2) ***Bulk items*** means appliances, furniture and other large household items as defined by solid waste regulations, and containers or items which exceed the capacity or weight limits for curbside pickup as defined by the Solid Waste Regulations.
- (3) ***Commercial waste*** means the solid waste from all activities and land use other than residential occupancy.
- (4) ***Compostables*** suitable for collection by the City means leaves, brush, tree limbs up to 6 inches in diameter and 4 feet in length, vegetative prunings, Christmas trees, and other garden or yard waste and other organic material as may be specified in Solid Waste Regulations. Compostables suitable for home composting are specified in the solid waste regulations and City-provided fact sheets.
- (5) ***Curbcart*** means a lightweight plastic container that the City requires to be used and has provided for a fee. A curbcart ranges in size from 30 to 105 gallons, is equipped with wheels to allow it to be easily rolled to the curb, is used for collection of refuse or recyclables or other designated solid waste, and is able to be mechanically lifted into a collection truck.
- (6) ***DDA*** means the Downtown Development Authority as defined in Chapter 7 of the City Code.
- (7) ***Dumpster*** means a metal or plastic container in sizes that range from 1 cubic yard to 12 cubic yards, equipped with fixtures that allow the container to be dumped by a rear-loading or front-loading refuse or recycling truck.
- (8) ***Garbage*** means all putrescible food wastes such as animal, fish, fowl, fruit or vegetable matter incident to the use, preparation and storage of food for human consumption. It also includes paper or containers containing these wastes except as excluded by Solid Waste Regulations. It does not include prohibited materials specified in Section 2:5 or in the Solid Waste Regulations.
- (9) ***Hazardous material*** means hazardous waste, medical waste, radioactive material, explosives and other material listed in Michigan Public Act 641 or in the Solid Waste Regulations.

- (10) **Hazardous waste** means solvents, pesticides, flammables, oil paints, and other substances listed in Michigan Public Act 641, or Public Act 64 or in the Solid Waste Regulations.
- (11) **Household waste** means the solid waste discarded at residential dwellings, including single- and multi-family units.
- (12) **Prohibited materials** means all items which may damage equipment or pose a safety threat to collectors or the environment, all items listed in Section 2:6 or items defined as prohibited in the Solid Waste Regulations. These materials will not be collected by the city.
- (13) **Recyclables** means all containers, paper, cardboard, and other materials specifically designated as recyclable by the Solid Waste Regulations.
- (14) **Refuse** means all rubbish and garbage which is not deemed recyclable or compostable as defined in this chapter or by the Solid Waste Regulations. It does not include hazardous material or other prohibited materials.
- (15) **Rubbish** means miscellaneous nonputrescible waste material resulting from housekeeping and ordinary mercantile enterprises, including paper, cardboard, metal containers, crockery, plastic, rubber, building materials, and bulk items. It does not include hazardous waste or other prohibited materials.
- (16) **Solid waste** means refuse, rubbish, recyclables, and compostables discarded by residents and commercial establishments and which qualifies for removal by the City of Ann Arbor. It does not include hazardous material or other prohibited materials.
- (17) **Solid waste containers** means any containers approved by the Solid Waste Regulations for deposit of solid waste, including containers for refuse, recyclables or compostables.
- (18) **Surplus refuse** means any containers approved by the solid waste regulations for deposit of solid waste, including containers for refuse, recyclables or compostables.

(Ord. No. 20-89, § 5, 9-5-89; Ord. No. 66-90, § 6, 11-19-90)

2:2. Collection frequency; and fees.

Except as otherwise provided in this chapter, the City shall collect solid waste generated within the City. Unless prevented by weather conditions, labor disputes or other circumstances beyond its control, the City shall collect refuse from each residential location at least once a week. Different collection intervals and fees may be established by regulation for the collection of recyclables, compostables and refuse. Fees may be charged for the collection of commercial refuse and single-family residential refuse with a weekly capacity greater than 64 gallons or as pro-rated by the City for multi-family locations eligible for curbside pickups.

(Ord. No. 4-84,4-16-84; Ord. No. 20-89, § 1,9-5-89; Ord. No. 66-90, § 1, 11-19-90)

2:3. Point of collection.

The City shall collect solid waste only if it is at the following locations on the collection day:

- (1) For residential dwellings and other locations not served by dumpsters, the point of collection shall be curbside. Leaves are collected each year from the street in accordance with the Solid Waste Regulations.
- (2) All other solid waste shall be collected at the point of storage, provided that the location is permitted by the solid waste regulations and is accessible to City solid waste collection equipment.
- (3) The City may refuse to collect solid waste that is not stored in compliance with the Solid Waste Regulations.

(Ord. No. 4-84, 4-16-84; Ord. No. 66-90, § 2, 11-19-90)

2:4. Points of storage.

- (1) Exterior solid waste containers must be stored at the rear or side of a structure. If the container location is shown on an approved site plan, the container must be kept at the collection point shown on the site plan. Notwithstanding any site plan, no storage may be on a public easement or right-of-way unless a recorded grant of that right-of-way, license or permit has been obtained.
- (2) City customers and other locations that have a point of collection at the curb shall not leave solid waste or solid waste containers at the collection point for more than 24 hours before or 12 hours after the designated day of collection. A one-business day extension may be arranged with the City or its designated collection provider.
- (3) All dumpsters must comply with the Solid Waste Regulations for frontload collection service. Dumpster placement requirements are provided in the Solid Waste Regulations.

2:5. Solid waste containers.

- (1) CONTAINERIZATION REQUIREMENTS
 - (a) RESIDENTIAL CURBCARTS: The City provides automated refuse curbcarts to all curbside-serviced customers.
 - (i) All refuse must be stored within the curbside. Surplus refuse and items that do not fit within the curbside require additional curbside capacity or residents must make their own bulk waste disposal arrangements.
 - (ii) The weight of the refuse inside the curbside must not exceed 224 pounds for a 64 gallon curbside or a pro-rated amount for a different sized curbside.
 - (iii) Applicable fees for the collection of refuse from the curbcarts shall be set by city council by resolution. If the charges are not paid, they may be assessed against the property pursuant to section 1:292 of Chapter 13 of the City Code.

- (iv) A resident or property owner who obtains a replacement curbside cart shall pay for the replacement curbside cart.
 - (v) Solid waste containers other than curbside carts will continue to be acceptable for the storage of compostable materials.
 - (vi) Recyclable and compostable containers and bundles must not exceed a 35-gallon capacity or exceed 50 pounds when filled. Cans must have handles.
- (2) Commercial facilities must be equipped with sufficient waste containers to contain the solid waste generated by the facilities until collected.
- (3) Every rental dwelling unit shall be provided with solid waste container space. Each unit shall be equipped with approved refuse and recycling containers stored outside of the dwelling unit. The city administrator may adopt regulations for the minimum specifications for the containers.
- (a) The owner of each multi-family dwelling of 3 units or more shall file a recycling plan with the City within 60 days of receiving a certificate of occupancy. The plan shall show how the owner will comply with this chapter.
 - (b) A certificate of occupancy may be revoked for dwellings not meeting the requirements of this subsection, but the City shall not decline to collect refuse because a lessor has failed to provide recycling containers or has failed to file a recycling plan.
- (4) Multiple dwellings with 10 or more units must use dumpsters to meet the container requirements for nonrecyclable refuse.
- (5) Cardboard boxes must be prepared for recycling.
- (6) Compostables shall be separated in a manner determined by the city administrator through regulations and applicable state law. Grass clippings will not be collected by the City, either as compostables or as refuse.
- (7) Residential recyclables shall be separated in a manner determined by the city administrator through the Solid Waste Regulations.
- (8) The components of commercial solid waste shall be separated in a manner determined by the city administrator through the Solid Waste Regulations.
- (9) No person shall deposit or remove solid waste in the solid waste container of another person without permission of the owner or property manager. Proof of violation of this section must be based on evidence showing the deposit of at least 1 cubic foot of material into or removal of any material from another person's solid waste container.
- (Ord. No. 4-84, 4-16-84; Ord. No. 20-89, § 2, 9-5-89; Ord. No. 66-90, § 4, 11-19-90)

2:6. Prohibited materials.

The City shall refuse to collect any of the following prohibited materials:

- (1) Bulk items that do not fit inside the city-provided trash carts, such as furniture, mattresses, appliances and oversized or overweight building materials. Residents and commercial locations must make their own arrangements with the private sector for the proper removal and disposal of bulk items.
- (2) Liquid waste.
- (3) Hot ashes or other heated material.
- (43) Dead animals, animal waste or human waste except in the manner determined by the city administrator through the Solid Waste Regulations.
- (5) Explosives, dangerous chemicals and other hazardous material.
- (6) Commercial medical waste as defined by the Michigan Public Health Code.
- (7) Other material that may damage equipment, pose a safety threat to collectors or the environment or are regulated by the state or Federal government or as determined by the city administrator through the Solid Waste Regulations.

2:7. Solid waste facilities.

Persons may discard nonhazardous solid waste at the City's Solid Waste processing facilities, including the Resource Recovery Center, the Material Recovery and Waste Transfer Facility, the Drop Off Station, Compost Center and other facilities as may be established by City Council action. The rates for using these facilities shall be determined by the City Council. Persons who have not met any applicable residency requirements or have not prepared materials in a manner determined by the city administrator through regulations, or who have not paid facility charges, may be refused permission to deposit materials at the facility. Compostables and recyclables not separated according to the Solid Waste Regulations will not be accepted for processing at the City's solid waste facilities.

(Ord. No. 4-84, 4-16-84; Ord. No. 20-89, § 4, 9-5-89; Ord. No. 66-90, § 5, 11-19-90)

2:8. Scavenging and unauthorized storage

No person shall collect or remove and store solid waste, including recyclables, which have been prepared for City collection. (Ord. No. 4-84, 4-16-84)

2:9. Variances.

In cases of extreme hardship or practical difficulties, the city administrator may authorize variances to this chapter's requirements regarding solid waste containers, container locations, collection frequency and points of collection. (Ord. No. 4-84, 4-16-84)

2:10. Solid Waste Regulations.

The city administrator may adopt regulations implementing this chapter, including regulations on the design, location, maintenance and access to solid waste containers, handling of prohibited materials and the proper preparation of recyclables, compostables and special pickups and to implement its solid waste management strategy. Those regulations shall take effect 30 days after being filed with the City Clerk unless modified or disapproved by the City Council.

(Ord. No. 4-84, 4-16-84; Ord. No. 66-90, § 7, 11-19-90)

2:11. Removal of improperly stored material; enforcement.

If solid waste containers are left at the curb in violation of section 2:12, they may be removed and disposed of by the city. Solid waste or other material left at the curb or improperly stored elsewhere outdoors may be removed by the city. At least 24 hours prior to removing materials pursuant to this section, the City shall serve a notice of violation. Notice of violation may be made by mailing it to the property owner, as shown on assessment records, delivery to the owner or posting the notice at a conspicuous place on the property. **No notice shall be required if a public health hazard necessitates immediate removal of materials.** All costs (including labor, equipment, materials disposal and overhead) of work performed by the City under this section shall be charged to the owner of the involved property. If the charges are not paid, they may be assessed against the property pursuant to section 1:292 of Chapter 13 of this Code.

(Ord. No. 27-87, § 1, 4-9-87)

2:12. Illegal storage of solid waste.

No person shall store solid waste or solid waste containers at locations other than permitted by this chapter or regulations implementing this chapter. No property owner or person in control shall permit solid waste or solid waste containers to remain on or adjacent to the property in violation of this section.

(Ord. No. 27-87, § 1, 4-9-87)

2:13. Penalties.

Each violation of this chapter shall be civil infractions punishable by a civil fine of not less than \$200.00 and up to \$500.00, plus costs and all other remedies available by statute. Each day of violation shall be a separate violation.

(Ord. No. 4-84, 4-16-84; Ord. No. 27-87, § 2, 4-9-87)

(End of Chapter 26)

Solid Waste Regulations

Under City Code Chapter 26 of the City of Ann Arbor

Revised Revisions Effective October 28, 2005

REGULATION ADDITIONS TO CHAPTER 26. SOLID WASTE MANAGEMENT

Section numbers correspond to City Code Chapter 26 sections. "R" indicates Regulations.

R2:1 Definitions

- (1) Words that have been defined in City Code Chapter 26 have the same meaning in the Solid Waste Regulations.
- (2) For the purposes of these regulations, “**bundle**” means a collection of tree limbs, up to 4 feet in length, 18 inches in diameter and weighing up to 50 pounds, secured with string.
- (3) For the purposes of these regulations, a “**computer**” means the major components of a programmable electronic machine consisting of a monitor and Central Processing Unit (CPU). Computer peripherals include such items as a keyboard, mouse and cables. Additional components include printers, scanners and exterior drives.
- (4) For the purposes of these regulations, a “**CRT**” or Cathode Ray Tube means a vacuum tube or picture tube used to convert an electrical signal into a visual image.
- (5) For the purposes of these regulations, a “**monitor**” means the major components of an electronic visual display unit consisting of a Cathode Ray Tube (CRT), Liquid Crystal Display (LCD), plasma screen or other viewing device typically used in a computer or television.
- (6) For the purposes of these regulations, “**resident**” means a current occupant of an Ann Arbor home, including individual units of an apartment, condominium, townhouse or cooperative. The term does not include commercial establishments (non-residential locations) and property managers.
- (7) For the purposes of these regulations, “**reuse**” means methods or locations that will provide an extended purpose for an item that would otherwise be discarded as solid waste and include such options as resale stores, charitable donations, reuse centers, yard sales, repair shops, manufacturers’ product return or “take back” initiatives, etc.
- (8) For the purposes of these regulations, “**television**” means the electronic device containing a video display component including a Cathode Ray Tube (CRT), Liquid Crystal Display (LCD), plasma screen or other monitor as well as the cabinet that encases the monitor.

R2:2 Collection frequency additions

- (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.
- (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 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.

R2:4 Points of storage additions

- (1) Solid waste stored around buildings and in alleys must be contained to avoid the blowing of litter or allowing access to garbage by vermin. It is the responsibility of the property owner to maintain a clean solid waste storage area and to repackage torn bags, tipped solid waste containers or the effects of vandalism.

(2) DUMPSTER PLACEMENT REGULATIONS

- (A) Prior to the placement of any solid waste dumpster(s) to be emptied by the City, the owner must receive site approval by the City in order to assure that all container size and style are compatible with City front-loaded refuse disposal equipment assigned to the area. The City will schedule a free site visit.
- (B) Front-load dumpster locations must be pre-approved by the City to permit safe access by City vehicles. For example, one 6-yard dumpster and 2 recycling carts require a concrete pad and at least an 8' x 15' area for storage and a 25' vertical clearance with a 12' access drive to the storage area in order to allow access by City vehicles to empty the dumpster(s). Other dumpster location configurations should be proportioned accordingly.
- (C) Dumpster placement, screening, landscaping or variances are coordinated by the City's Building Department as regulated under City Code Chapter 62 (Landscape and Screening), Chapter 55 (Zoning), and Chapter 59 (Off-Street Parking).
- (D) The site owner and/or manager must provide and maintain the site dumpsters, including functional lids. If the dumpster is unable to be safely emptied, the container will not be serviced and it will be up to the owner and/or manager to correct the problem.
- (E) The site owner and/or manager must ensure that these containers are not blocked on collection days. Dumpsters blocked by vehicles, delivery trucks, or any other object will not be emptied.

- (F) Containers must be maintained in winter months by the site owner and/or manager. Dumpsters frozen in or blocked by snow and ice will not be emptied.
- (G) If access to a solid waste container is blocked on private property, the site owner and/or manager must wait until the next regularly scheduled collection day for the containers to be emptied or make their own arrangements. See R2:2(9) for pre-paid City-provided dumpster emptying.
- (H) The City will maintain the license number of a vehicle blocking a dumpster on private property for at least a month after the missed collection day. The number, if available, will be provided on request at no charge. [Owner/managers may wish to identify vehicles that are preventing solid waste collection from occurring.]
- (I) The site owner and or manager must pick up all refuse materials outside of the container and keep the area clean, including all situations where a collection was missed for reasons listed in these rules.

R2: 5 Solid waste containers additions

(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 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.
- (4) PREPARATION REQUIREMENTS FOR "COMPOSTABLES"**
- (A) Residents with curbside refuse collection receive weekly compostable collection from April 1 through November 30.
- (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 to hold yard wastes. 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.
- (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. Pumpkins are acceptable in the street leaves.
- (G) 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.
- (H) Evergreen wreaths and other floral arrangements with non-compostable components such as plastic backing, wires and decorations must be disposed of as refuse.

- (I) Residents may bring their grass clippings at no charge to the City's Resource Recovery Center. Commercial entities, residents, and nonresidents may use this facility or the drop-off station for compostables on a for-fee basis.

(5) 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 & 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, taped or tightly stuffed into a box up to 18 inches deep so that they will not blow around. 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, either screwed-on or 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.

(6) **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.

R2:6 Prohibited material additions

- (1) **PROHIBITED MATERIALS** No person may place out for collection any of the materials specified below:
 - (A) Explosive, radioactive or other hazardous material such as ammunition, smoke detectors, gasoline, turpentine, or any flammable materials, grease, pesticides or asbestos, except oil filters, motor oil, household batteries and car batteries will be accepted only in accordance with R2:5(D).
 - (B) Items that may damage equipment, pose a safety threat to collectors or the environment or are regulated by the state or Federal government may not be placed in refuse containers serviced by the City. These include pianos, garage doors, heavy metal parts, fuel tanks, automobile, truck or other vehicular parts and tires. This also includes such materials as concrete, rocks, bricks, mortar, cement, tar, railroad ties, logs over 6 inches in diameter and tree stumps.
 - (C) Liquid waste, as defined by Michigan Public Act 641.
 - (D) Medical waste (as defined in the Michigan Medical Waste Regulatory Act 386, Part 138), from all commercial establishments. Commercial medical waste must be stored on site and collected for disposal all in compliance with state commercial medical waste regulations.
 - (E) Unused and partially full containers of household hazardous products (such as pesticides, drain cleaners, automotive fluids and oil paints).
- (2) **REGULATED MATERIALS WITH SPECIAL PREPARATION REQUIREMENTS**

No person may place out for collection any of the following specially regulated materials unless the materials are prepared as specified below:

- (A) Residential medical waste including hypodermic needles, syringes and lancets (also known as "sharps") will not be collected unless handled as follows:
 - (i) The used residential sharps must be stored in a sturdy plastic jug, which is labeled "Sharps, Dispose of Properly." When full, the jug is to be taped securely shut placed inside a residential trash bag.
 - (ii) The preferred method for handling used residential sharps is to store them in a commercially-available sharps container. When full, the container is taken to a participating pharmacy for proper disposal in compliance with state commercial

medical waste regulations. Call Washtenaw County for a list of participating pharmacies.

- (B) Diapers, kitty litter, animal feces, and small dead animals under one pound will not be collected unless first placed in sealed, double-plastic bags.
- (C) Sawdust and cold ashes must be placed in sealed plastic bags.
- (D) Used paint cans will not be collected unless prepared in one of the following ways:
 - (a) Dry, empty metal paint cans with the lids removed, and empty aerosol cans, may be recycled in the Containers bin.
 - (b) Water-based paint containers up to 1/3 full must be solidified (such as through evaporation or the addition of kitty litter, peat moss or soil) and placed in the curbside with the paint container lid tightly sealed.
 - (c) Cans of unused oil-base paint are prohibited from Michigan landfills and must be taken to Washtenaw County's Home Toxics Collection Center.
- (E) Computer and television CRTs and other monitors will not be collected by the City. Residents and commercial locations are encouraged to recycle unwanted electronics at the Drop-Off Station, reuse operations or via manufacturer's product return programs.
- (F) Washtenaw County operates a Home Toxics Collection and Referral Center for proper disposal of many hazardous residential products.

R2:7 Solid waste facilities additions

(1) RESOURCE RECOVERY CENTER

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

- (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) **Light Waste.** Includes all non-hazardous municipal solid waste, such as carpeting, mattresses, furniture, trash, etc.
- (G) **Heavy Waste.** Heavy waste includes building debris, drywall, shingles, plywood, painted or treated wood, concrete with steel, bricks.
- (H) 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 Center accepts and processes recyclables, and refuse, as determined by the operator.

- (A) Customers to the MRF must pre-arrange through the City's contracted operator to be able to deliver refuse and 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 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 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.

R2:10 Variances Additions

- (1) **CURBSIDE COLLECTION SERVICE FOR PERSONS WITH DISABILITIES**
Side door or porch set-out service is provided by the City to citizens physically unable to place their refuse or recycling containers at curbside, and unable to make other arrangements to have materials placed at curbside. This collection service is subject to approval by the City following an on-site interview. To arrange an interview, call the City's Customer Service Center.
- (2) **DUMPSTER VARIANCES** Variances on dumpster location or screening requirements are handled under City Code, Chapter 62.

R2:15 Integrated Solid Waste Management Strategy

- (1) The City supports the State of Michigan's recommended waste management hierarchy for handling solid waste through the City's own Integrated Solid Waste Management Strategy plan. The plan provides the following ranking for: (1) waste prevention; (2) reuse and repair; (3) recycling and composting; (4) refuse-derived fuel; and (5) landfilling.
- (2) To strengthen the markets for products made with recycled material content, the City may specify recycled-content goods within the purchasing guidelines set by City Council. The City will also promote the use of recycled content products to the community.

Revisions to the City of Ann Arbor Solid Waste Regulations Effective as of October 28, 2005.

Reviewed by the Attorney's Office:

Printed on recycled paper.