

Solid Waste Regulations

Under City Code Chapter 26 of the City of Ann Arbor

August 9, 2010 ~~June 5, 2009~~

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, “**commercial solid waste service rates and charges**” and “**guiding principles in rate setting**” refer to the methodology used to establish and calculate the rates and charges for commercial solid waste service and the resulting schedule of rates and charges.
- (4) 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.
- (5) 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.
- (6) 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.
- (7) For the purposes of these regulations, a “**non-residential location**” means any commercial location that has no floor space dedicated to residential units and any mixed use commercial location that has less than 10% of its floor space functioning as residential units.
- (8) For the purposes of these regulations, a “**Recycling Compliance Plan and Recycling Compliance Report**” means the annual report and plan submitted by commercial locations seeking to be exempt from use of the City provided recycling service with such filings being submitted on a timely basis, and be

administratively complete in the format and with the content specified by the City's administrative procedures.

- (9) 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.
- (10) 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.
- (11) 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.
- (12) For the purposes of these regulations, "**vegetative food waste**" means vegetables, fruit, grains, and other non-meat and non-dairy food waste.
- (13) For the purposes of these regulations, "recycling containers" include recycling dumpsters (2,4,6, and 8 yard sizes) and recycling curbcarts (32, 64, 96, and 300-gallon sizes). These containers should be used for the containment and service of all the accepted recyclable materials taken through the city's recycling program. Recycling container may not be used for any other purpose.

R2:2 Collection frequency and fees

- (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 only collect refuse and recyclables from city-approved containers. Compostables will be collected from city approved compostable curbcarts and paper yard waste bags and bundles. ~~all properly prepared cans, bags or bundles of normal household refuse, recyclables, and compostables on the weekly collection day. All properly prepared items need to be placed into their appropriate collectors (solid waste, recycling or compost).~~
- (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) All 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. All non-residential locations needing dumpsters are required to use the City's designated commercial refuse collection franchise contractor unless an exemption is secured as provided in Chapter 26 of the code. The scheduling of collection is determined by the City based on the service requests submitted by each location. Applicable fees for the collection of refuse from dumpsters may be provided by council resolution. Applicable fees for the collection of commercial refuse shall be charged quarterly in advance based on the average amount of refuse material and the frequency of collection and shall be set by the city administrator approval by city council. 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) All non-residential locations receiving an exemption as provided in Chapter 26 of the code must use a hauler with a current Hauler License awarded by the City.
- (7) 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.
- (8) All locations using the City's designated commercial refuse collection franchise contractor shall pre-pay for their scheduled services based on the schedule of commercial solid waste service rates and charges. The city administrator shall prepare annually and submit to city council for approval a schedule of commercial solid waste service rates and charges, following guiding principles for rate setting established in these regulations.
- (9) For all other locations the City will provide additional emptying of refuse dumpsters on a pre-arranged, pre-paid basis. An additional fee is required.
- (10) 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 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.
- (11) The rate structure for commercial solid waste service rates and charges shall:

- a. Take into account waste volume and frequency of collection
 - b. Provide incentive to recycle
 - c. Not present barriers to recycling and waste reduction
 - d. Include cost allocation systems to accommodate/encourage shared dumpster use
 - e. Cover costs for contracted services
 - f. Include cost recovery for applicable capital infrastructure
- (12) The schedule of Commercial Solid Waste Service Rates and Charges shall be applied to all users of the City's franchised hauler with the following exceptions:
- a. Commercial Locations Receiving City Subsidized \$39/month Service Prior to June 30, 2009: In order to transition towards equity in rates for all user groups, commercial locations that have been receiving the City's in-house refuse collection services prior to June 30, 2009 at the subsidized \$39/month rate will be transitioned to the City provided service under a schedule of reduced subsidies to be applied up until July 1, 2012.
 - b. Non-Profits Receiving City Subsidized Service for Free Prior to June 30, 2009:
 - i. Non-profit community social service organizations classified as 501(c)(3) charitable tax-exempt organizations and that are further defined as public charities under 509(a)(2) may apply to the City to waive the fees for service enclosed herein. These are the organizations typically known as non-profit social service organizations that must meet the IRS tests under the 509(a)(s) rules.
 - ii. Non-profit organizations that were receiving city subsidized service for free prior to June 30, 2009 that do not qualify for this waiver of fees will be provided service under the Section 13 (a) shown above.

R2:3 Point of Collection

- (1) Each category of solid waste containers should be clearly separated from each other with at least three feet between each curbside cart. ~~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, recycling and compost 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

- (1) Solid waste ~~containers-curbcarts~~ may not be placed in the street where there are marked bike lanes.
- (2) 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 or manager to maintain a clean solid waste storage area and to repackage torn bags, tipped solid waste ~~containers-curbcarts~~ or remedy the effects of vandalism.
- (3) 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 curbcarts 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. Space designated for these uses (recycling and refuse containers) shall be used for these shall have priority over the allocation of any space for other uses (e.g. fats/oils/grease containers). The Systems Planning Unit may develop further specifications to assist in container placement design.
- (4) Dumpster placement, screening, landscaping or variances must comply with the provisions of City Code Chapter 62 (Landscape and Screening), Chapter 55 (Zoning), Chapter 57 (Subdivision and Land Use Control), and Chapter 59 (Off-Street Parking).
- (5) The site owner and/or manager must ensure that these containers are not blocked on collection days. Dumpsters and curbcarts blocked by vehicles, delivery trucks, ice, snow or any other object will not be emptied/serviced.
- (6) ~~Parking lots, driveways, and walkways~~The areas around solid waste containers must be cleared and treated for safe accessibility of service personnel and vehicles, including snow removal, maintained in winter months by the site owner and/or manager. Dumpsters and curbcarts frozen in or blocked by snow and ice will not be emptied/serviced.

- (7) If access to a dumpster or curbside 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 for servicing needs. See R2:2(9) for pre-paid City-provided dumpster emptying.
- (8) The City will maintain the license number of a vehicle blocking a dumpster or curbside on private property for at least a month after the missed collection day. The number, if available, will be provided on request to property owners/managers at no charge. ~~[Owner/managers may wish to identify vehicles that are preventing solid waste collection from occurring.]~~
- (9) The site owner and/or manager must pick up all refuse-solid waste materials found outside of the ~~container curbside~~ and keep the area clean, especially including all situations where a collection was missed for reasons listed above in these rules.

R2: 5 Solid waste containers

(1) GENERAL CONTAINER REQUIREMENTS

- (A) Prior to the placement of any solid waste dumpster(s) to be emptied-serviced by the City, the owner must receive site approval by-from the City in order to assure that all requested containers (size and style) are compatible with City solid waste service front loaded refuse disposal equipment ~~assigned to the~~ used for the given area. The City or the City's recycling contractor will schedule a free site visit.
- (B) The site owner and/or manager of all residential non-commercial locations must provide and maintain the site dumpsters and curbside, including functional lids. If the trash dumpster becomes unserviceable, it is the responsibility of the site owner and/or manager to make the needed repairs to the dumpster. All non-residential locations must use the dumpsters provided through the City's refuse and recycling collection contractors. ~~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.~~
- (C) Solid waste must be properly prepared for collection and contained inside city-approved containers to avoid littering. Paper products and other loose debris must be covered to avoid blowing. The property-site owner and/or designee manager must are responsible to repackage torn bags or rectify tipped containers ~~in a timely manner in order~~ to ensure that all materials are properly contained ~~the materials~~ for collection.
- ~~(D) Solid waste and recycling containers must be maintained to be safe for access, such as not having jagged edges or greasy sides. Residents and businesses need to remove all liquid and food solids from the recyclable materials in~~

~~collectors. If a business or resident continuously disregards this requirement, the collectors will not be serviced until cleaned of this debris. Clean Community Standards may be contacted regarding this problem.~~

~~(D) Damaged carts with jagged edges that pose a safety risk to service personnel will not be collected. It is the responsibility of the property owner and/or manager to report curbside damage to the city or city recycling contractor for replacement.~~

~~(E) All liquid and food debris must be removed from all recyclable materials to ensure that insects and other animal pests are not attracted to the recycling containers. Failure to properly empty and rinse out recyclables will result in these materials being rejected for service. Recycling containers must be clean of this debris before they will be serviced. A Clean Community Standards violation may be reported if this is a continual problem at any residential or commercial location.~~

~~(FE) Recycling bins curbside are the property of the City and may not be removed from the specific address to which the bin curbside has been issued. Replacement recycling bins are available at no charge from the City. Two (2) additional recycling bins, beyond the standard allocation of up to 2 bins, may be requested. Additional bins beyond the maximum of 4 free bins are available from the City at cost, as supplies are available.~~

~~(F) Cardboard boxes, sized to a maximum of 2 feet in width by 3 feet in length by 18 inches in height and not weighing more than 50 lbs, may be used as collectors to hold surplus paper recyclables that do not fit into the City-provided recycling bin.~~

(G) Cardboard boxes are not accepted as collection containers for refuse, recycling, or compostables.

~~(H) Fluorescent tubes may be placed inside refuse carts. Unbroken fluorescent tubes are also accepted for recycling at the Drop-Off Station for a fee.~~

~~(H) Solid waste containers that are emptied by automated lifts on vehicles may not weigh more than the maximum weights specified on the each container, s and 4 tons for 6-yard dumpsters.~~

~~(I) The fees for the cost and delivery, servicing, and replacement of refuse and compostable curbside 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.~~

(K) The number of refuse 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 fewer than 10 units generally will be assigned 64 gallons of refuse capacity per dwelling unit. Apartment locations with fewer than 10 units will be assigned one 96 gallon recycling cart, unless additional carts are requested by the property owner / manager or deemed necessary by the City and/or its contractor

(24) 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 city authorized compost curbcarts or 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 City approved compost curb carts, 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 bag or bundle may weigh up to 50 pounds.
- (E) Except as provided in this subsection, curbside-collected compostables do not include sod, dirt, stones, refuse, non vegetative food waste or other prohibited materials listed in section R2:6., Vegetative food waste may be placed in City-authorized compost curbcarts. Uncoated paper plates and paper cups, and unbleached paper napkins and brown paper towels may be placed in the City-authorized compost cart. Any items contaminated by dairy or meat will not be accepted. With the exception of City-authorized compost curbcarts, all other collection containers (including 30 gallon paper bags) are prohibited from including grass clippings. Bundled brush and tree limbs must be place at the curb.
- ~~(F) 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 are acceptable in the street leaves.~~
- ~~(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 proceeding 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.~~

(F) 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 ~~c~~Compostable collection.

~~(H)~~(G) Evergreen wreaths and other floral arrangements with non-compostable components such as plastic backing, wires and decorations must be disposed of as refuse.

~~(H)~~(H) Residents may bring their grass clippings and up to one cubic yard of yard waste per visit at no charge to the City's W. R. Wheeler Service Center. Commercial entities, residents, and nonresidents may use this facility or the ~~D~~rop-~~O~~ff ~~S~~tation for compostables on a for-fee basis.

(35) PREPARATION REQUIREMENTS FOR RESIDENTIAL RECYCLABLES

(A) 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).

(B) The following materials are to be placed in city approved recycling cart or dumpster :

- All recyclable bottles and cans must be empty and rinsed clean.
- Glass, transparent and translucent food and beverage bottles and containers are acceptable. Paper labels, rings and lids are acceptable. Non-container glass such as windows, drinking glasses, mirrors, etc. will not be accepted.
- Dry, empty metal paint cans with the lids removed, and empty aerosol cans are acceptable. They must not contain wet paint. A thin film of dried paint is acceptable.
- Tin/Steel cans, pie tins, food and beverage containers of all sizes. Paper labels and plastic coating are acceptable.
- Household scrap metal including metal pots and pans, metal trays, metal bakeware, toasters, metal utensils, etc are acceptable. Electrical cords to not have to be removed.
- Aluminum cans, trays and foil with food removed.
- Plastic bottles – including :
 - HDPE plastic bottles (SPI Code #2) - blow-molded (bottle-necked) natural and colored HDPE containers, including plastic milk jugs, water jugs, detergent bottles, and similar items; caps and labels are acceptable.

- PET plastic bottles (SPI Code #1) blow-molded (bottle-necked) clear and green PET containers, such as soda bottles, dishwashing soap bottles, and some shampoo bottles.
- All plastic bottles (SPI Code #4, 5, 6, or 7) except for polyvinyl chloride (SPI Code #3).
- Household plastic tubs and cup shapes with SPI Codes #1, #2 and #4 through #7 excluding Styrofoam and SPI Code #3.
- Bulky HDPE - defined as large HDPE items (buckets, crates, toys, trays, furniture, bins, barrels etc.). This category is often referred to as "Injection HDPE".
- Plastic bottles, tubs, and cups that have held a toxic substance such as motor oil, antifreeze, pesticides, etc. are not acceptable.
- Plastic lids are not acceptable.
- Multi-coated/plastic coated paper beverage cartons including milk cartons, juice cartons, and juice boxes (also known as aseptic containers) are acceptable.
- ONP - old newspapers including advertisement inserts are acceptable. Old newspaper that contains incidental moisture from rain on collection days is acceptable. Soaked paper or yellowed newsprint is unacceptable.
- OMG - old magazines containing glossy coated paper, including catalogues, glossy fillers or mailers, with the exception of wet material or material that was once wet, is acceptable.
- OCC - old corrugated containers (cardboard) that are flattened that have liners of Kraft, jute, or test liner are acceptable. Cardboard must be small enough to fit in recycling container without jamming. Staples and tape with water-soluble glues do not have to be removed. OCC can be damp but not soaked. Pizza boxes free of food are acceptable. Wax-coated old corrugated containers are not acceptable. (Wax coated boxes are generally used for shipping produce and can be distinguished by being able to scratch the wax off the surface with a fingernail.) Glossy coated boxes – those that include graphics on the box surface – are acceptable for recycling.
- Paper bags: all sizes of loose, bundled or bagged are acceptable.
- Junk mail - all dry, loose or bagged bulk mail consisting of paper or cardboard. Envelopes with windows are acceptable.
- Office paper and household writing paper - all types and sizes of dry, loose or bagged white and colored ledger and copier paper, note pad paper, loose leaf fillers, computer paper (continuous-form perforated white bond or greenbar paper) are acceptable. Shredded paper must be placed in clear or translucent bags.
- Boxboard - all non-corrugated cardboard, commonly used in dry food and cereal boxes, shoe boxes, uncoated freezer boxes, and other similar packaging is acceptable. Boxboard with wax or plastic coating and boxboard that has been contaminated by food is not acceptable. Tissue paper, bath tissue, paper cups, paper plates or paper towels are not acceptable.
- Telephone books, catalogs, and soft-bound paperback books are acceptable.
- Gift wrapping paper and greeting cards are acceptable. (metallic-coated paper and metallic-coated holiday cards not acceptable.)

~~(A) **CONTAINER RECYCLING** The following rinsed materials are to be placed in the green "Containers" recycling bin or cart. All lids are to be removed. Metal lids may be recycled. Plastic caps must be discarded as refuse.~~

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- ~~•~~

~~(a) **Cans & Aerosols**~~

~~Includes rinsed steel and aluminum metal cans, aluminum food trays, aluminum pie tins, 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 and pyrex glassware. 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. No plastic shopping bags.~~

~~(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.~~

~~(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 in bundles up to 6 inches thick, or tightly stuffed into a box up to 18 x 24x12 inches thick 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 secured, screwed on and doubled-taped. The City will accept up to 3 gallons/week of used motor oil per residence. No pickup for businesses. 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. No pickup for businesses.~~

~~(c) **Batteries**~~

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

| ~~(CE)~~ 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.

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

| ~~(46)~~ **COMMERCIAL RECYCLING COLLECTION**

(A) All commercial locations including businesses and institutions that receive City solid waste collection from the City's Franchised Hauler and commercial locations that receive solid waste collection from a Licensed Hauler are required to separate recyclables in the same fashion as required of residents effective July 1, 2009 or earlier at the commercial locations options.

| (B) Commercial locations must use assigned city approved recycling ~~bins~~, carts or dumpsters provided by the City's recycling program. Effective July 1, 2011, commercial locations must participate in the City's recycling program or demonstrate compliance with the City's recycling program by requesting an exemption, submitting and securing approval from the City annually for a qualified and administratively complete Recycling Compliance Plan and Recycling Compliance Report. Commercial locations that use the City's recycling program and are in compliance with all of its requirements shall be

automatically included in the City's recycling compliance plan and reporting system. All other commercial locations must submit their Recycling Compliance Plan and Recycling Compliance Report to document that the commercial location has established a recycling program, other than the City's provided service, or in addition to the City's provided service, that demonstrates capacity to meet all requirements of the City's program covered by the Code and these regulations, including the requirement to keep specified recyclables separated from solid waste.

- (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
- (D) For commercial locations, all cardboard boxes placed in recycling dumpsters must be flattened. Cardboard collected along commercial street and alley collection routes must be flattened and placed inside a curbside cart with the lid closed. ~~bundled with twine or tape, or stuffed into other cardboard boxes. Each bundle or box may weigh up to 50 pounds. If putting in a box, the box size should not exceed 2 foot by 3 foot (width/length) and 18 inches in height, and not weighing more than 50 pounds. No recyclable materials or cardboard will be serviced outside a city-approved container. Exceptions may be made by contract administrator.~~
- (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.
 - ~~(B) except oil filters, motor oil, household batteries and car batteries. will be accepted only in accordance with R2:5(D).~~
 - (CB) Items that may damage equipment pose a safety threat to service staff collectors or the environment or are regulated by the state or Federal government may not be placed in refuse, compost or recycling containers serviced by the City. These include pianos, garage doors, heavy metal parts, fuel and propane tanks, automobile, truck or other vehicular parts and tires. This also includes construction debris, such ~~materials~~ as concrete, rocks, bricks, mortar, cement, tar, railroad ties, logs over 6 inches in diameter and tree stumps.

- | (~~DE~~) Liquid waste, as defined by Michigan Public Act 641, the Solid Waste Management Act of 1979.
- | (~~ED~~) Medical waste (as defined in the Michigan Medical Waste Regulatory Act 386 of 1998), 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.
- | (~~EE~~) 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 and placed inside a residential trash bag. Under no circumstance should sharps containers be placed in recycling collection containers.
 - (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~~-recycling container.
 - (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 refuse 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~~Reduction Program.

(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 Center~~Reduction Program and Referral Center for proper disposal of many hazardous residential products.

R2:7 Solid waste facilities additions

(1) W. R. WHEELER SERVICE CENTER

The City provides comprehensive solid waste management, recovery and disposal services at the W. R. Wheeler Service Center located 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 located 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. Specific recyclables accepted may change as deemed necessary by the site operator.

(A) All recyclables ~~listed~~accepted for the residential curbside recycling collection program.

(B) Additional recyclables are accepted at this facility, including vehicle batteries, household batteries, motor oil, oil filters, larger-sized scrap metal, Styrofoam, # 2 and #4 plastic bags, 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 Facility (MRF), located at the 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 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.

R2:10 Variances Additions

(1) CURBSIDE COLLECTION SERVICE FOR PERSONS WITH DISABILITIES
Side door or porch set-out service is provided by the City or its authorized contractor to citizens who are physically unable to place their refuse or recycling containers at curbside, and are unable to make other arrangements to have materials placed at curbside. This type of collection will be known as a "Special Pickup."

~~This collection-Special Pickup~~ service is subject to approval by the City following an on-site interview and must be renewed every two years. To arrange an interview, call the City's Customer Service Center at 99-GREEN (994-7336).

- (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.

R2:16 Procedures for Enforcement

- (1) During the transition period from July 1, 2009 to July 1, 2011, the City shall provide a notice of the availability of technical assistance materials.
- (2) The enforcement provisions described above shall not be applied to and shall not prevent enforcement of the hauler licensing requirements of the code, the exemption requirements and procedures of the code.

Revisions to the City of Ann Arbor Solid Waste Regulations Effective as of ~~June 5, 2009.~~ August 9, 2010.

Reviewed by the Attorney's Office:

Printed on recycled paper.