

CHAPTER 53: RECYCLING

Section

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§53.01 PURPOSE AND INTENT.

The purpose of this chapter is to establish reasonable design standards and procedures for storage of recyclables within: (i) all new developments; (ii) all subdivision applications; (iii) application for all building permits for new buildings and alteration to buildings related to a change in use within the corporate limits and external jurisdiction of Deer Park and further, to promote the public health, safety, and welfare of the community. These regulations are further intended to:

- A. Facilitate the mandate of the State of Illinois which requires Lake County to implement strategies for the reduction, of at least 25% of the municipal Waste stream.
- B. Protect the character and maintain the stability of the community and surrounding unincorporated areas by requiring adequate space and means to collect and store recycled materials.
- C. Facilitate the collection and storage of recyclables by providing private, on-site areas, facilities, and programs which will encourage recycling within the residential, commercial, institutional and industrial sectors that generate waste within the municipal jurisdiction.
- D. Protect the public health and safety by requiring the submission of a recycling plan or site plan as part of the building permit/plan review process thereby ensuring conformance and integration with all other applicable codes and ordinances.

§53.02 DEFINITIONS.

Commercial Recycling Program: A recycling program which collects wastes which originate from non-residential sources.

Cubic Yard: Unit of measure equivalent to 200 gallons.

Curbside Collection: A method of collecting source-separated recyclable materials from the curb or alleyway.

Exterior Recyclable Storage Area: Final collection area for all recyclable materials. Exterior Recyclable Storage Areas must be external to the occupied area of a building unit(s) but may exist within the structural shell (i.e., loading docks, refuse rooms, etc.)

Internal Recovery System: The procedures and containers utilized to isolate and remove recyclables from the occupied areas of a building.

Municipally Sponsored Recycling Programs: A recyclable collection program which is regulated by contract or franchise and which defines levels and frequency of recyclable collection service to be provided to the resident.

Municipal Waste: Garbage, general household, institutional and commercial waste, industrial lunchroom or office waste, landscape waste and construction demolition debris (as defined by the IL Environmental Protection Act 415 ILCS 5/3.21).

Recyclable Materials (Recyclables): Waste materials that are collected, separated or processed, and used as raw materials or products.

Recycling: The series of activities by which materials, that would otherwise remain wastes, are collected, separated, or processed and used in the form of raw materials.

Recycling Program: Any program focused on the recovery of materials for use as raw material. Includes materials captured prior to entering the waste-stream or recovered from the waste-stream.

Recycling System: A system which addresses the needs created by the act of Recycling. System components include, but may not be limited to, Recyclable Materials storage containers at the point of generation; equipment and labor for preparing Recyclable , Materials for collection; and, equipment and labor for transport of Recyclable Materials to Exterior Recyclable Storage Area(s).

Space Allocation: The area required to store or hold recyclable materials prior to final collection.

Space Planning: The act of identifying components of a Recycling System and the specific requirements of each system element.

System Plan: Detailed abstract of the individual components of a Recycling System.

§53.03 REGULATED DEVELOPMENT.

All applications for building permits and development permits of any kind for all new construction and construction related to a change in use of a structure must be in conformance with the provisions of this chapter. Any documents or plans required under the provisions of this chapter must be submitted at the time of building permit application or application for subdivision approval whichever would occur first.

A. Residential Development Serviced by Municipally Sponsored Recycling Program

1. Single Family Detached Dwelling. A minimum of three (3) cubic feet shall be allocated (reserved) for an Internal Recovery System. This area must be located so as to facilitate storage of Recyclable Materials within the structure and facilitate ease of removal to an external collection point.
2. Multi-family Buildings. A minimum of three (3) cubic feet shall be allocated (reserved), per dwelling unit for an Internal Recovery System. This area must be located so as to facilitate storage of Recyclable Materials within the structure and facilitate ease of removal to external collection point.

B. Development with no Municipally Sponsored Recycling Program

1. Single Family Detached Dwellings-Subdivisions. A minimum of three (3) cubic feet shall be allocated (reserved) for an Internal Recovery System. This area must be located so as to facilitate storage of Recyclable Materials within the structure and facilitate ease of removal to external collection point.

2. Developments Comprised of Single Family Attached Dwelling Units. A minimum of three (3) cubic feet shall be allocated (reserved), per dwelling unit, for an Internal Recovery System. This area must be located so as to facilitate storage of Recyclable Materials within the structure and facilitate ease of removal to external collection point.

3. Multi-family Buildings
 - (a) Interior Space Allocation. A minimum of three (3) cubic feet shall be allocated (reserved), per dwelling unit, for an Internal Recovery System. This area must be located so as to facilitate storage of Recyclable Materials within the structure and facilitate ease of removal to the Exterior Recyclable Storage Area.

 - (b) Exterior Recyclable Storage Area Allocation. The amount of Exterior Recyclable Storage Area allocated per dwelling shall be determined as follows and shall not be less than the sum of the individual computations.

Number of studio and one bedroom units x 7 gallons +

Number of two bedroom units x 8 gallons +

Number of three and four bedroom units x 9 gallons =

Total Exterior Recyclable Storage Area allocation required.

 - (c) Recycling System Plan. A comprehensive Recycling System plan shall be required which includes provisions for an Exterior Recyclable Storage Area and a collection system for Recyclable Materials generated by the building(s) occupants.

4. Developments Comprised of a Mix of Residential Building Types
 - (a) Interior Space Allocation. Interior space allocation shall be provided for each building and unit in accordance with requirements set out in Sections 53.03(B)(1), 53.03(B)(2), and 53.03(B)(3)(a).

 - (b) Exterior Recyclable Storage Area Allocation. Exterior Recyclable Storage Area shall be provided for any multi-family buildings in accordance with the requirements in Section 53.03(B)(3)(a).

 - (c) Recycling System Plan. A comprehensive Recycling System plan shall be required which includes provisions for an Exterior Recyclable Storage Area which will service the entire development

5. Commercial, Industrial, and Institutional Uses
 - (a) Interior Space Allocation. The amount of interior space necessary to comply with the requirements of this chapter is dependent on the generation of Recyclable Materials resultant from activities associated with Commercial Recycling Programs. Management options shall be addressed in a System Plan per Section 53.04(C).

- (b) Exterior Recyclable Storage Area Allocation. The amount of Exterior Recyclable Storage Area necessary to comply with the requirements of this chapter is dependant on the volume generation of Recyclable Materials derived from Commercial Recycling Programs. Exterior Recyclable Storage Area options in shall be addressed in a Recyclable System plan per Section 54.03(B) and (C).

§53.04 BUILDING PLAN, SITE PLAN AND RECYCLING SYSTEM PLAN REVIEW

A. Building Permit Review

1. Single Family Detached and Attached Dwelling Units

All building plans for new single family dwelling units must identify the recycling storage area provided inside the building per Section 53.03.

2. Multi-family Buildings

All building plans for new multi-family buildings must identify the recycling storage areas provided inside of the individual units and the building recyclable material collection and storage areas per Section 53.03.

3. Developments Comprised of a Mix of Residential Building Types

All building plans for buildings containing the above uses shall, identify the Recyclable Materials storage areas being provided as required for the specific building type per Section 53.03.

4. Commercial, Industrial and Institutional Uses.

All building plans for buildings containing the above uses shall identify all areas associated with recycling storage, sorting operations, individual work stations, and any other phases of the recycling activities planned for the building.

- B. Site Plan Review.** A site plan shall be required for those uses listed in Section 53 .03 for which Exterior Storage Areas are required. The site plan must indicate the location and dimensions of the storage area being provided. The site plan must also indicate how the storage area(s) will be accessed.

- C. Recycling System Plan.** When a Recycling System Plan is required, said plan shall contain the following elements unless specific items are inappropriate or otherwise not applicable to the use proposed. A statement to that effect should be included in the plan.

1. System Plan Description

- (a) Identification of materials to be recycled.
- (b) Method of transport from work station to final collection area.
- (c) Collection frequency of recycling service provider.
- (d) Information policy for occupants.

- (e) Point of contact/project coordinator.
 - (f) Location and design of collection areas.
2. Space Allocation Description
- (a) Provide an estimate of the amounts of materials that will be generated.
 - (b) Calculate the necessary storage area to be allocated for each designated material.
3. Space Planning
- (a) Scaled drawings of the interior plan of the building identifying:
 - (1) Space requirements at work stations.
 - (2) Temporary internal Recyclable Material storage area(s) as applicable.
 - (b) Scaled drawings of the Exterior Site Plan identifying:
 - (1) Location and size of Exterior Recyclable Storage Area.
 - (2) Screening of the Exterior Recyclable Storage Area.
 - (3) Access path to service the Exterior Recyclable Storage Area.

(Ord. 04-33, passed 10-21-04)