

**819 ~~SANITARY LANDFILLS, DEBRIS FILLS, RECYCLING CENTERS, TRANSFER STATIONS, AND RECYCLABLE DROP-OFF SITES~~**

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~~819.01 SANITARY LANDFILLS AND DEBRIS FILLS~~

~~A. General Standards: Sanitary landfills and debris fills shall comply with all aspects of the Clackamas County Solid Waste and Waste Management Ordinance, requirements of the County Department of Transportation and Development, rules and regulations of the Oregon Department of Environmental Quality, and the Metropolitan Service District.~~

**819.012 STANDARDS FOR RECYCLING CENTERS AND TRANSFER STATIONS**

A. Mitigation Standards:

1. Traffic

Aa. Access: The road access system to the facility shall be adequate to handle traffic generated by the use. The County shall require the necessary traffic measures to insure the facility use is consistent with the County transportation system. The facility shall have access to major roadways and truck freight routes. The facility shall have an operational plan that ensures those traveling to the facility, particularly trucks, travel primarily on truck freight routes identified on by Comprehensive Plan Maps 5-9a through 5-9d the County.

b. Posting of Routes—The operator shall provide signage so that routes to the facility are posted and include information on fees for dumping, including differential fees for covered and uncovered loads. Signage shall be subject to the applicable County or state regulations.

c. A detailed traffic study including onsite circulation shall be required as a means for the County to assess appropriate traffic impact measures. The study shall be based on the Metropolitan Service District's (Metro's) traffic data methodology. Such a study must be performed by an engineer registered in the State of Oregon.

B. Air Quality: The discharge of contaminants created by the facility shall not exceed the Oregon Department of Environmental Quality (DEQ) air quality standards.

2. Odor

a. Emissions (odors) from the facility shall not exceed the standards set forth in Oregon Administrative Rules Chapter 340, Division 21, Section 050.

b. Notwithstanding Subsection 819.02(A)(2)(a), the design and operation of the facility shall eliminate odors that would be irritating or annoying to facility personnel and to the surrounding community. Potential causes of odors and their elimination through proper design and operating procedures shall include:

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- ~~i. Spillage of acceptable waste around the feeding or processing equipment shall be removed daily; and~~
- ~~ii. Adequate ventilation and collection of dust generated during acceptable waste handling and processing shall be provided.~~
- ~~e. The following minimum procedural steps shall be taken to abate odors:
  - ~~i. A comprehensive program of manual and machine cleaning, combined with disinfection and vector control procedures shall be prepared in writing;~~
  - ~~ii. A plan shall be prepared which minimizes the generation of wastewater associated with hosing down equipment, tipping areas, and platforms in the facility. Compressed air or vacuum equipment shall be used for cleaning, where feasible; and~~
  - ~~iii. A plan shall be prepared for effective dust collection and adequate ventilation.~~~~
- ~~d. Each of the programs or plans required by Subsection 819.02(A)(2)(c), shall be approved by Metro, and compliance therewith shall be required of any facility operator pursuant to applicable Metro regulations.~~

~~3. Dust~~

- ~~a. A dust control plan shall be submitted to the Oregon Department of Environmental Quality (DEQ) for approval. A copy of the approved plan shall be submitted to the County prior to operation of the facility.~~
- ~~b. Access and onsite roads shall be maintained to prevent excessive dust.~~

C4. Noise: Sound created by the facility and audible off the subject property shall not exceed the maximum permitted by DEQ.

- ~~a. The facility's operation shall be in compliance with the standards of DEQ. A copy of the DEQ approval shall be submitted to the County prior to issuance of a building permit.~~
- ~~b. Noise in the receiving area shall be controlled by effective design of the building walls and roof.~~

D5. Storage:

- 1a. Any storage of material shall occur only in a totally enclosed area with proper air quality controls. The storage of uncompacted material shall not exceed one day.
- 2b. Source separated materials, ~~(excluding yard debris),~~ shall be stored in containers. These containers ~~shall~~must be located in an enclosed area.

~~3e.~~ Yard debris shall be removed ~~at least~~ on at least a weekly basis. Storage shall not exceed requirements established by DEQ.

~~4d.~~ Temporary storage areas for all ~~recovered~~ materials recovered from processing shall be totally enclosed.

~~6. Salvaging of Materials~~

~~a. Salvaging of recyclable materials shall not be authorized unless permitted in accordance with Metro's approved operating plan.~~

~~b. Any authorized salvaging shall require a County recycling license or permit, if applicable.~~

~~7. Sanitary Sewage/Processing Wastewater/Stormwater~~

~~a. The facility shall comply with all applicable federal, state, and sanitary district regulations.~~

~~b. The operator shall prepare a stormwater management plan for the stormwater collection/disposal system which shall include emergency spill containment and cleanup measures and water quality mitigation measures when appropriate. Management plan approval by the County is required.~~

~~8. Signing, Building, and Site Design~~

~~a. The County shall review the site specific mitigation plan, signing, building, and site design plan to determine whether the plans are consistent with the standards of this Ordinance.~~

~~b. Any truck washing area shall be covered with a canopy type roof.~~

~~c. Paved parking adequate for facility personnel, users, and visitors shall be included in the site design. All parking and loading areas must be paved.~~

~~d. The project design shall include onsite landscaping and screening provisions that will complement and enhance the character of the area. At least 15 percent of the developed site area shall be landscaped. All landscaped areas must have an irrigation system with automatic controls and maintained as required in Section 1009.~~

~~e. All the facility's onsite utilities—power, telephone, water, sanitation, lighting, etc.—shall be underground.~~

~~f. Site lighting shall be designed to avoid glare, and deflected so as not to shine onto adjacent properties and roadways.~~

Eg. SignsSigning:

1i. A clearly visible and legible identification sign shall be ~~posted~~maintained at the entrance to the facility. The sign ~~content~~ shall ~~include~~contain, at a minimum, the name of ~~the~~ facility, name and phone number of ~~the~~ operator/~~phone number~~, and hours of operation.

2ii. A sign~~(s)~~ describing recycling services and fees shall be posted at the facility.

F9. Hazardous Waste Handling:

1a. No disposal of hazardous and biomedical wastes on site shall be allowed except in accordance with Oregon Revised Statutes Chapter 459 and Oregon Administrative Rules~~OAR~~ Chapter 340.

2b. The operator shall provide a covered area for handling or storage of incidental hazardous ~~(such as household hazardous materials)~~, toxic, or other detrimental materials. The area shall provide positive isolation from sanitary and storm sewer systems.

3e. The operator shall prepare and implement an incidental hazardous waste containment and cleanup plan ~~as~~ approved by ~~the County and~~ DEQ.

G10. Safety Measures:

1a. Transfer of waste from one vehicle or container to another vehicle or container shall be done within an enclosed containment area designed to ~~ensure~~assure that waste materials do not fall onto the ground or enter the groundwater, or a water feature, water system, drainageway, or drainage system.

2b. The facility shall establish and implement emergency operating procedures to ensure that minimal risk exists to the public in the case of an emergency. The procedures shall include training programs and practice drills.

~~11. Identified Environmental Concern Areas~~

~~a. The facility shall be designed to protect identified environmentally sensitive areas. Identified environmentally sensitive areas shall be those included in Chapter 3 of the Comprehensive Plan.~~

~~b. The facility's development shall include provisions for mitigation of potential impacts on drainageways and wildlife corridors.~~

~~12. Economic Impacts~~

~~a. Metro shall provide for the collection and disbursement of a community enhancement fee for all mixed waste entering the facility. The purpose of the fee is to provide a fund to enhance the area around the facility.~~

~~The fee will be collected and a fund shall be established as required by the Plan~~

~~and shall be administered in accordance therewith.~~

- ~~b. Metro shall provide for the collection and disbursement of a recycling fee based on the sale of recyclable materials collected at the facility. Said fee shall be used for recycling education and promotion within the County.~~

H13.Litter:

~~The operator/Metro shall ensure that Aa specific litter control plan for the operation of any facility ~~shall~~ will be adopted to control and provide for the removal of facility-related litter along routes leading to and in the vicinity of the ~~proposed~~ facility. The litter control plan shall include ~~at least~~ the following elements:~~

- ~~1a. Establish, at the expense of the private operator or Metro, as appropriate, gates, signs, and other traffic control devices that direct facility-related traffic to the facility along approved routes ~~and prevent facility related traffic from negatively impacting surrounding sensitive areas identified in the Comprehensive Plan.~~~~
- ~~b. Primary Impact Area—Metro shall establish, after consultation with the County, as part of its approval of any facility, a primary impact area in which the operator will assume responsibility for removal of litter and illegally dumped waste. The initial primary impact area will cover all routes to the facility for a distance of up to one-half mile from the facility entrance. The approval shall provide that the boundaries may be adjusted by Metro based on problems which arise after the facility is in operation.~~

~~Secondary Impact Area—Metro shall provide for removal of litter and illegally dumped waste on a weekly basis within at least a two-mile radius of the facility.~~

- ~~2e. Establish a patrol and schedule for removal of litter and illegally dumped waste along all routes to the facility for a distance of one-half mile from the facility entrance within the primary impact area. Litter removal within ~~this~~ the primary impact area ~~shall~~ must be completed ~~for the entire area~~ a minimum of at least twice daily each day, seven days each week.~~
- ~~3d. The facility operator shall document and remove, for proper disposal, all illegal dumping occurring in the patrol primary impact area. The operator shall remove illegally dumped waste within 24 hours of the discovery of the illegal dump ~~and/or~~ within 12 hours of being notified of the illegal dump by the County. ~~The parties agree to take measures consistent with their resources to enforce codes and regulations to prohibit illegal dumping.~~~~
- ~~4e. The operator shall provide signs so that routes to the facility are posted and shall post at the facility, in a location visible to the public, the proper routes providing access to the facility and ~~differential~~ the fees for dumping bringing both covered and uncovered loads ~~at~~ the facility.~~

~~5f.~~ The operator shall annually publish and distribute throughout the area served by the facility a brochure ~~that~~which includes the proper routes providing access to the facility and the fees for bringing both covered and uncovered loads to the facility; and ~~which both~~ explains and encourages recycling.

~~B. RR and HR Districts Standard: In the RR and HR Districts, the minimum site area for transfer stations shall be three acres.~~

819.023 STANDARDS FOR RECYCLABLE DROP-OFF SITES

Recyclable drop-off sites shall comply with the following standards:

~~A. Recyclable dropoff sites are allowed in the following zoning districts as accessory uses:~~

- ~~1. NC District;~~
- ~~2. C 2 District;~~
- ~~3. CC District;~~
- ~~4. C 3 District;~~
- ~~5. RTC District;~~
- ~~6. RC District; and~~
- ~~7. RI District.~~

~~B. Siting may also include traditional locations for this use, such as:~~

- ~~1. Schools;~~
- ~~2. Churches;~~
- ~~3. Fraternal lodges;~~
- ~~4. Senior citizen and other community buildings; and~~
- ~~5. Other public facilities.~~

~~C. Standards~~

A. Recyclable drop-off-sites shall:

~~1. Shall not be placed in public rights-of-way.~~

12. Shall ~~Not~~ obstruct ~~any~~ entrances, exits, onsite traffic circulation, or parking;

- ~~23.~~ ~~Shall N~~net be placed in required landscape areas;:-
- ~~34.~~ ~~Shall B~~be clean, attractively painted, and maintained at all times;:-
- ~~45.~~ ~~Shall B~~be kept clean and free of debris. All unwanted materials and debris shall be properly disposed of;:- ~~Cleanliness shall be a continuing obligation of the operator and site owner.~~
- ~~56.~~ ~~Shall B~~be designed such that collected recyclable materials are totally enclosed and cannot be removed by unauthorized parties;:-
- ~~7.~~ ~~Siting, maintenance, and hauling shall be coordinated through the area's franchised collector or by a party licensed and/or permitted by the County.~~
- ~~68.~~ ~~Shall O~~only be used for the collection of domestic recyclable or reusable materials such as paper, corrugated paper, glass, tin, aluminum, plastics, and clothing. Yard debris, appliances, ~~and/or~~ other large items ~~that~~~~which~~ may otherwise be repairable, recyclable, or reusable are not acceptable;:-
- ~~79.~~ ~~Shall B~~be removed or emptied within five days of becoming full, to avoid accumulation of materials outside the box or depot trailer;:- ~~and~~
- ~~810.~~ ~~Shall B~~be labeled identifying the owner and telephone number to contact in the event that the container and surrounding area becomes a nuisance. Labeling ~~shall~~~~must~~ also clearly identify the material(s) accepted; and warn that any other items are not acceptable.
- ~~B.~~ ~~Siting, maintenance, and hauling shall be coordinated through the area's franchised collector or by a party licensed or permitted by the County.~~
- ~~C11.~~ The local fire marshal shall be consulted concerning design and siting of drop boxes and mobile depots.

[Amended by Ord. ZDO-252, 6/1/15]