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5-0100 GENERAL REGULATIONS AND PLAN PREPARATION ~~(38-93 PFM)~~

To obtain approval for a debris landfill, an applicant must submit a design plan, pursuant to the requirements of [Chapter 112](#) ~~the~~ [\(Zoning Ordinance\)](#), [Chapters 104](#) ~~(Erosion and Sedimentation Control)~~, [Chapter 108.1](#) ~~(Noise Ordinance)~~, and [Chapter 118](#) ~~(Chesapeake Bay Preservation Ordinance)~~ of the Code, and must comply with the requirements of [§ 5-0100](#) *et seq.*

5-0101 Soil and Grading Requirements

5-0101.1 The location of rock and soil borings ~~shall~~ must be shown.

5-0101.2 The site location, topography to a scale of not smaller than 1 inches=200 feet showing the lift, the proposed development plan for the proposed area of excavation, the fill and borrow areas and the necessary topography to allow an accurate comparison of the original and final grades ~~shall~~ must be shown.

5-0101.3 The final landfill grading and engineering plan ~~shall~~ must be in accordance with the approved plan submitted as part of the special exception approval.

5-0102 Drainage and Groundwater Requirements

5-0102.1 The plan for location, design, installation and maintenance of all intermediate and final surface water and groundwater control devices including, ~~but not limited to,~~ drainage channels, diversion ditches, embankments, dikes, levies, culverts, piping, sediment basins and other erosion and drainage control devices which ~~shall~~ must ~~be in compliance~~ with all County ordinances, rules and regulations, policies and design standards ~~shall~~ must be shown.

5-0102.2 ~~(38-93 PFM)~~ The fill or excavation area ~~shall~~ must be shown and ~~shall~~ may not encroach on the RPA, existing 100-year drainageway or floodplain nor be within 50 feet of any perennial watercourse.

5-0102.3 Surface water originating from an off-site source ~~shall~~ may not be ~~permitted to~~ enter the landfill area and ~~shall~~ should be adequately diverted, except as may be approved by the Director.

5-0102.4 ~~(38-93 PFM)~~ Water quality control measures ~~shall~~ must be provided in accordance with the requirements of [§ 6-0000](#) *et seq.*

5-0103 Access

5-0103.1 The design and location of all on-site access roads including a detail showing the base and surfacing of the roads ~~shall~~ must be shown.

5-0103.2 All entrances and exits for the landfill ~~shall~~ must be shown and controlled during working hours. During nonworking hours, all entrances and exits for the landfill must be ~~and~~ secured and locked ~~during nonworking hours~~ by means of gates or other suitable devices.

5-0104 Noise, Fences and Screening

5-0104.1 The noise impact of the landfill ~~shall~~ must ~~be in conformance~~ comply with the [Chapter 108.1](#) ~~County~~ [\(Noise Ordinance\)](#).

5-0104.2 Fences and screening may be required by the Director, to the extent necessary to limit the access and adverse impact of the use.

5-0105 Restoration

5-0105.1 Replanting of landfills required by proffers or screening requirements ~~shall~~ must be shown on conservation plans submitted to the Director.

5-0105.2 In addition to any proffer or screening requirements, landfills ~~shall~~ must be replanted in accordance with ~~§12-0514~~ [§ 12-0311](#).

5-0200 PERMITTED MATERIALS

5-0201 General Materials. Permitted materials are listed in [Chapter 104, Article 2](#), of the Code and in ~~this PFM~~ [§ 10-0300](#) *et seq.*

~~**5-0202 Automobiles.** Automobiles may be placed in a landfill only with the specific approval of the County Health Department and the Virginia Bureau of Solid Waste and Vector Control.~~