

*** DRAFT – NOT FOR FILING ***

3745-520-605

Topographic maps, isopachs, and exceedances of the vertical or horizontal authorized disposal limits.

(A) Not later than forty-five days after receiving a written request from Ohio EPA or the approved board of health, an owner or operator shall submit to Ohio EPA and the approved board of health a topographic map of the C&DD facility and an isopach comparing the topography of areas of the facility where material has been disposed to the authorized disposal limits. The maps shall represent existing contours of the facility and shall conform to this rule.

(B) When it is discovered that the topography of the C&DD facility exceeds the vertical or horizontal authorized disposal limits, the owner or operator shall do the following:

(1) Immediately notify Ohio EPA and the approved board of health.

(2) Not later than thirty days after the discovery, submit a work plan to Ohio EPA and the approved board of health that describes how the owner or operator will determine the extent, volume, and composition of the material exceeding the authorized disposal limits.

(3) Not later than sixty days after the discovery, implement the work plan. At a minimum, the owner or operator shall conduct tests at a frequency sufficient to determine the extent, volume, and composition of the exceedance.

(4) Provide a topographic map and isopach that conform to this rule to Ohio EPA and the approved board of health after the owner or operator has determined the extent, volume, and composition of the material exceeding the authorized disposal limits.

(C) Topographic maps.

(1) A topographic map of the C&DD facility shall be certified by a professional skilled in the appropriate discipline.

(2) The scale, contour interval, and grid system of a topographic map shall be consistent with the permit to install.

(3) A topographic map shall include the following:

(a) Delineation and acreage of constructed cap including the type of cap and the year the cap system was constructed.

(b) Delineation and acreage of areas containing disposed material that has not had a cap system constructed.

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(c) Delineation and acreage of areas that have been approved for disposal but have not been used.

(d) Access roads and buildings.

(e) Borrow areas and cover material stockpiles within the C&DD facility boundary.

(f) The C&DD facility boundary, horizontal authorized disposal limits, and horizontal limits of where material has been disposed.

(g) The location of the permanent survey marks.

(D) Isopachs.

(1) An isopach shall compare the topography of areas of the C&DD facility where material has been disposed to the authorized disposal limits.

(2) An isopach shall be certified by a professional skilled in the appropriate discipline.

(3) The scale, contour interval, and grid system of an isopach shall be consistent with the permit to install.

(4) An isopach shall delineate the following:

(a) The C&DD facility boundary and the horizontal authorized disposal limits.

(b) The location of the permanent survey marks.

(5) If the topography of the C&DD facility exceeds the vertical or horizontal authorized disposal limits, an isopach shall include the following:

(a) A comparison that delineates the acreage where disposal of material exceeds the authorized disposal limits.

(b) Notes that indicate the composition, calculated volume in cubic yards, maximum depth, and average depth of the material exceeding the authorized disposal limits.