normally require additional chemical analyses. If pollutant concentrations fall within the heavily polluted category, the department may require additional chemical analyses to determine the pollutant mobility, including elutriate tests, toxic extration test, and interstitial water analysis.

(4) Laboratory test results required in sub. (3) (b) and for cadmium and total chromium submitted to the department under this chapter shall be performed by a laboratory certified or registered under ch. NR 149.

Note: The requirement in this section to submit data from a certified or registered laboratory is effective on August 28, 1986.

History: Cr. Register, August, 1981, No. 308, eff. 9-1-81; cr. (4), Register, April, 1986, No. 364, eff. 8-28-86.

NR 347.08 Information required for solid waste and hazardous waste approval. Except as provided in s. NR 347.05, information required in the application for solid waste and hazardous waste program review is specified in s. NR 180.13 and ch. NR 181.

History: Cr. Register, August, 1981, No. 308, eff. 9-1-81.

NR 347.09 Information required for individual WPDES permits. Except as provided in s. NR 347.05, for those projects which do not qualify under a WPDES general permit for dredging projects, information required in the WPDES application is specified on forms referenced in s. NR 200.10, or provided by the U.S. environmental protection agency.

History: Cr. Register, August, 1981, No. 308, eff. 9-1-81.

NR 347.10 Information required for s. 30.20, Stats., approval. Except as provided in s. NR 347.05, information required for applications under s. 30.20, Stats., shall include:

(1) Sediment sampling and analysis data required by s. NR 347.07;

(2) Dredging site information including:

(a) Water body name;

(b) Site location boundaries within waterbody;

(c) Existing bottom contours;

(d) Proposed finished bottom contours;

(e) Contour interval, and

(f) Elevation datum.

(3) Proposed carriage water return flow characteristics for hydraulic dredging projects, including:

(a) Suspended solids concentration based on settleability test or other pilot plant testing;

(a) Flow rate;

(c) Temperature;

(d) Dissolved oxygen;

(e) 5-day biochemical oxygen demand;

(f) Chemical oxygen demand;

(g) Ammonia-nitrogen;

(h) pH;

(4) Proposed carriage water return flow discharge point; and

(5) Proposed sediment sampling program including number of sampling points, location and depth.

(6) Values for characteristics under sub. (3)(d) to (h), as well as any other pollutant characteristics required by the department, shall be determined by elutriate testing using sediment samples collected under s. NR 347.07.

History: Cr. Register, August, 1981, No. 308, eff. 9-1-81.

NR 347.11 Information required for s. 144.04, Stats., plan approval. Except as provided in s. NR 347.05, information required in the application for plan approval under s. 144.04, Stats., for the treatment facilities shall be prepared by a Wisconsin registered engineer and shall include:

(1) Site conditions, including:

(a) Depth to water table;

(b) Foundation suitability information, which shall include:

1. For dike heights greater than 20 feet, borings to a depth of 20 feet or to bedrock, whichever is less, shall be taken at an interval of not more than 400 feet along the center line of the proposed dike. The borings shall be classified according to the unified soil classification system. At each boring, the standard penetration test shall be conducted at 5-foot intervals.

2. For dike heights less than 20 feet, the subsurface material classifications to a minimum depth of 5 feet shall be made in accordance with the unified soil classification system.

(2) Settling basin characteristics, including:

(a) Embankment materials;

(b) Embankment side slopes or sheet piling wall thickness and shape;

(c) Embankment top width;

(d) Embankment permeability;

(e) Basin surface area;

(f) Plan view;

(g) Depth;

(h) Volume;

(i) Basin cross-section views;

(j) Spur dikes (training baffles);

(k) Outlet weir design;

(l) Outlet weir operation;

(m) Sand filters (if required);

(n) Sand filter operation;

(o) Detention time (when site is filled to capacity);

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