

Addendum 5

This addendum updates satisfactory materials and unsatisfactory materials for earthwork specifications (310000 Section 1.3.1.1 Satisfactory Materials and 1.3.1.2 Unsatisfactory Materials). Soils classified as SW and SC have been added to satisfactory materials (highlighted). Soils SW, GP, GW, and GM have been removed from unsatisfactory (Highlighted and crossed out).

1.3.1.1 Satisfactory Materials

Satisfactory materials may consist of available non-organic soils (classified as GW, GP, GM, SP, SM, **SW**, **SC** in accordance with ASTM D2487) from approved borrow sources, and shall require the approval of the Engineer. Satisfactory materials shall have a percentage passing the No. 200 sieve of between 5% to 30%. Materials that otherwise meet gradation requirements but have a composition which may cause excessive turbidity when placed as dike fill, may be rejected by the Engineer. Satisfactory material shall be free of organic materials and rocks greater than 2.0 inches in size.

1.3.1.2 Unsatisfactory Materials

Unsatisfactory materials shall consist of materials such as roots, brush, sod, or other perishable materials and debris, peat and other highly organic soils, and soil materials of any classification that have a moisture content, at the time of compaction, beyond the range of 1 percentage point below and 3 percentage points above the optimum moisture content of the soil material as determined by moisture density relations test. Soils classified as, **SW**, CH, CL, MH, ML, ~~GP, GW, GM~~, GC, OL, OH, and PT in accordance with ASTM D2487 are also considered unsatisfactory for dike construction.