



Backfill Procedures Borings In or Near Levees

29 July 2008

Method 1: Backfill. Vertical boreholes shall be backfilled with granulated bentonite in not greater than 1-foot increments. Bridging of borehole cavity during placement can occur. Sounding of borehole shall be performed to confirm backfill material reaches the bottom of the borehole. If dry conditions cannot be maintained, coated bentonite pellets shall be used. The upper two feet of the borehole shall be backfilled with auger cuttings to allow establishment of vegetation.

Method 2: Backfill. The boreholes will be grouted. Grout the boreholes using the tremie method and a VOLCLAY Grout which will set to a consistency of a stiff soil with a permeability of 10^{-7} to 10^{-8} cm/sec.