



DEVELOPMENT BULLETIN 0x-2023

Subject: Update to the Soil Boring Requirements per USDA-NRCS MD-378
Resource: Urban Development and Conservation Program
Date: **October 23, 2023**

EFFECTIVE IMMEDIATELY

The Prince George's Soil Conservation District (District) herein provides an update to the soil boring requirements for impoundment facilities per the USDA-NRCS MD Pond Code 378 (MD-378), and the Prince George's Soil Conservation District (District) Soil Erosion and Sediment Control – Pond Safety Manual (2013 ed, and as revised) – (manual).

Current Soil Boring Requirements

Pursuant to MD-378, and the District's manual (Sections II.D.2. and VII.D.3), a soils investigation is required for all impoundment facilities. At a minimum, a sufficient number of soil borings is required to provide representative sampling of soils present at the following locations:

- a. Along the centerline of the proposed dam,
- b. At the emergency spillway,
- c. In the pond pool area,
- d. At the control structure [principal spillway],
- e. In the planned borrow area,
- f. And to determine location and depth of impervious foundation material [for keying into].

Update to Soil Boring Requirements

In addition to the current soil boring requirements above, the following shall also apply, **at a minimum**:

- I. A minimum of two soil borings, along the centerline of the dam, must penetrate foundation material a minimum of 4ft below the proposed bottom of the clay core and cutoff trench.
- II. Where unsuitable foundation material is encountered, borings must extend appropriately to determine the location and depth of impervious foundation material suitable for keying into for the clay core and cutoff trench(es). Borings must extend a minimum of 10ft below the proposed bottom of the clay core and cutoff trench in these cases, or deeper as directed by the geotechnical engineer of record.

Additional Information

Please contact the District at 301.574.5162 Ext. 3 or pgscd@co.pg.md.us should you have questions or require additional information.