S U B J E C T: USACE Drilling Production Centers Drill Crews’ Continuing Education

C A T E G O R Y: For Information

1. References:


   b. Standard Practice for Rock Core Drilling and Sampling of Rock for Site Exploration
      (ASTM D2113), November 1, 2014

   c. Standard Practices for Preserving and Transporting Rock Core Samples (ASTM D5079)
      July 1, 2008

   d. Standard Guide for Field Logging of Subsurface Explorations of Soil and Rock (ASTM
      D5434) February 1, 2012

   e. USACE Geotechnical and Materials In-House Drilling and Subsurface Exploration

2. Purpose: The purpose of this ECB is to provide information on recommended continuing
   education for drillers.

3. Background: Subsurface Exploration by drilling is required for USACE missions that
   include investigation of subsurface environments to evaluate soil characteristics, determine
   subsurface conditions for construction, identify contaminants, and test aquifers. Drilling provides
   information used to determine characteristics of rock formations, such as porosity, permeability,
   fluid content, and geologic age, and the presence of other subsurface conditions that affect the
   determination of suitable engineering & construction properties. The data collected by drilling is
   essential to the successful execution of USACE engineering and construction projects, military
   programs and environmental restoration projects.

4. Recommended Annual Continuing Education: USACE Districts with Drilling Production
   Centers (DPC) train drillers according to the type of drilling conducted within that district or its
   Major Subordinate Command (MSC). A drillers’ initial on-the-job training provides the basic
   knowledge needed for drillers, however experience and reinforcement of basic skills are also very
   important. Annual training for drillers should include a thorough understanding of the latest
   technology and drilling methods & techniques, Health, Safety, Leadership, CDL Review, and
   OSHA requirements. Options for continuing education include, but are not limited to, the
   Geotechnical & Materials (G&M) CoP’s Visiting Scholars Program, Corps PROSPECT courses,
   seminars and workshops, as well as short courses and workshops offered at the annual meeting of
   the National Groundwater Association (NGWA) and the University of Nebraska’s annual Shallow
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Exploration Drilling Clinic (SEDC). Additionally, drillers are encouraged to participate in certification programs and those who have current certifications should continue to participate in those annual continuing education programs to meet appropriate recertification as deemed essential by their respective districts. Each district with a DPC is encouraged to promote participation in annual continuing education programs for their drillers and to ensure the Corps maintains the highest professional standards.

5. **Point of Contact:** The POC for this ECB is Marty Goff, P.G., CECW-CE, 202-761-1992.

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JAMES C. DALTON, P.E.
Chief, Engineering and Construction
U.S. Army Corps of Engineers