

## Process for Utilizing Coal Combustion Products

1. Contractor requests from the Engineer at least 90 days in advance for written approval to utilize Coal Combustion Products (CCPs) as a substitute for earth borrow material.
2. The request is to include the following details using the NCDOT Form CCP-1 (Formerly Form CCP-2015-V1):
  - a. Description, purpose, and location of project.
  - b. Estimated start and completion dates of project.
  - c. Estimated volume of CCPs to be used on project with specific locations and construction details of the placement.
  - d. Toxicity Characteristic Leaching Procedure (TCLP) analysis from a representative sample of each different CCP source to be used in the project for, at minimum, all of the following constituents: arsenic, barium, cadmium, lead, chromium, mercury, selenium and silver.
  - e. The names, address and contact information for the generator of the CCPs.
  - f. Physical location of the project at which the CCPs were generated.
3. Submit the completed form to the Engineer and the Materials and Tests; Resource Conservation Program Engineer at [ResourceConservation@ncdot.gov](mailto:ResourceConservation@ncdot.gov) for review.
4. The Engineer will notify the Central Construction Unit of the request. Materials and Tests will conduct site specific sampling and testing (if needed) for approval of the material proposed to be used.
5. Upon accepted site-specific sampling and approval of the material, Materials and Tests will notify the Engineer and copy the Construction Unit.
6. The Engineer and the Resource Conservation Program Engineer will coordinate a response to the Contractor notifying of approval to use CCPs as a substitute for earth borrow material.
7. Upon completion of embankment containing CCPs the Engineer files Documentation with County Registrar of Deeds to be Recorded in accordance with “Coal Combustion Products in Embankments” process found in the NCDOT Construction Manual.
8. The Resource Conservation Program Engineer will update the website that details CCP projects.