The proposed CCR rules for landfills can be found online at: https://deq.nc.gov/documents/15a-ncac-13b-2001-2018-coal-combustion-residuals-management. Comments must be received and/or post marked by Oct. 15, 2018. You can submit comments either electronically or by mail.

- Email comments to publiccomments@ncdenr.gov (please put Coal Ash Rules in the subject line)
- Send comments in writing by mail to:
  Ellen Lorscheider
  Attn: Coal Ash Rules
  Division of Waste Management
  1646 Mail Service Center
  Raleigh, NC 27699-1646

Summary of Rules

Rule .2001 – Purpose, Scope and Applicability for CCR Facilities and Units, and CCR to CCP Treatment and Processing Facilities
Rule .2002 – Definitions
Rule .2003 – General Application and Processing Requirements
Rule .2004 – General Requirements
Rule .2005 – Application Requirements
- The process for permitting new and expansions of CCR landfills and impoundment closure;
- The public participation procedures during the permitting process: public notice, public hearings and public comment periods;
- The terms of a permit: recordation, construction timeline, operation and maintenance, inspections, and waste exclusions; and
- Requirements when applying for a Permit to Construct, Permit to Operate and Permit for Closure and Post-closure for landfills and a Permit for Closure for surface impoundments.

Rule .2006 – Site Study Requirements
Rule .2008 – Geologic and Hydrogeologic Investigation Requirements
Rules .2006 and .2008 describe the following:
- Where a facility cannot be located or impact surrounding areas: floodplain, wetlands, fault areas, seismic impact zones, cultural resource locations, nature and historic preserve locations, water supply watersheds, and endangered/threatened species;
- Requirements of a subsurface investigation conducted by a licensed geologist to determine depth to groundwater, direction of groundwater flow and depth to bedrock; and
- Requirements for local government approval, franchise agreement and cumulative impacts on minority and low-income communities.

Rule .2007 – Facility Requirements
Rule .2009 – Engineering Requirements
Rules .2007 and .2009 describe the following:
- Requirements for submitting a facility plan/report: facility drawings, landfill operation and equipment usage, waste stream, landfill capacity, and leachate management; and
• Requirements for submitting an engineering plan/report prepared by a Professional Engineer detailing plans and specifications to the design and operation of a landfill.

**Rule .2010 – Construction Requirements**  
**Rule .2011 – Construction Quality Assurance Requirements**  
Rules .2010 and .2011 describe the following:

- Construction criteria for a base liner system (four options) and leachate collection system;
- Horizontal buffer zones between the landfill and property boundary (300 feet), residential house or well (500 feet), surface waters (100 feet);
- Vertical buffer zone between bottom of base liner system and seasonal high groundwater depth (5 feet); and
- Necessity for submitting a quality control and quality assurance (CQA) plan prior to construction and a CQA report after construction, which are both certified by a Professional Engineer.

**Rule .2012 – Operating Requirements** describes the following:

- Requirements for submitting an operations plan and operating a landfill: waste acceptance and disposal, cover material, spreading and compacting waste, disease vector control, fugitive dust control, erosion and sedimentation control; and
- Weekly inspections by landfill personnel and annual inspections by a professional engineer to ensure integrity of landfill construction and operation.

**Rule .2013 – Closure and Post-Closure Requirements** describes the following:

- Requirements for closing a landfill or surface impoundment, and submitting a closure plan; and
- Requirements for how to care for the landfill or surface impoundment after closure, i.e. post-closure.

**Rule .2014 – Detection Monitoring Requirements**  
**Rule .2015 – Assessment and Corrective Action Requirements**  
Rules .2014 and .2015 describe the following:

- Requirements for establishing a detection monitoring water quality monitoring system: groundwater monitoring wells, surface water sample locations and leachate monitoring;
- Requirements for creating a water quality monitoring plan and submitting water quality monitoring reports: semi-annual monitoring of specific detection constituents related to coal ash;
- Process for when a facility needs assessment monitoring (any detection constituent above NC 15A NCAC 2L standards at the compliance boundary);
- Requirements for creating an assessment monitoring work plan and submitting assessment monitoring reports;
- Process for assessment of corrective measures (analysis of the effectiveness of several potential corrective action remedies); and
- Requirements for selection of remedy and the implementation of the approved corrective action remedy.

**Rule .2016 – Financial Assurance Requirements** describes the following:

- Requirements of financial assurance for closure, post-closure and corrective action.

**Rule .2017 – Recordkeeping, Notification, and Publicly Accessible Internet Site Requirements** describes the following:

- Specifically what needs to be kept on record, what notifications need to go where and what information needs to be available on the public internet site.

**Rule .2018 – CCR to CCP Treatment and Processing Facilities and Transportation Requirements** describes the following:

- Requirements for reuse/recycling of coal ash: dust control plan, treatment and processing plan, transportation plan, incident reporting and annual reporting.