FACT SHEET
COLON MINE SITE, STRUCTURAL FILL
PROPOSED PERMIT NO: 5306-STRUCT-2015

FACILITY: Colon Mine Site, Structural Fill
COUNTY: Lee
LOCATION: Five miles southeast of the City of Sanford, off Brickyard Road
OWNER: Green Meadows, LLC, 12601 Plantside Drive, Louisville, KY 40299
OPERATOR: Charah, Inc., 12601 Plantside Drive, Louisville, KY 40299
DOCUMENT IDENTIFICATION NUMBER: 23788

REQUIREMENTS:

- 130A-309.219. Permit requirements for projects using coal combustion products (CCP) for structural fill.
- 130A-309.221. Financial assurance requirements for large projects using CCP for structural fill.
- 130A-309.222. Closure of projects using CCP for structural fill.
- 130A-309.223. Recordation of projects using CCP for structural fill.

In addition to meeting the above requirements, the facility has gone beyond North Carolina requirements and has a five-foot separation to the aquifer, has been designed to maintain 12 inches of head on the liner, has enhanced leachate storage and capacity, is designed for 25-year-24 hour run-on and runoff storm events, and has added enhanced groundwater monitoring (eight events), a constituent list and statistical analysis.

FACILITY DETAILS:

- **Beneficial Reuse:** Mine Reclamation.
- **Fill area:**

<table>
<thead>
<tr>
<th>Cell</th>
<th>Area (acres)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>22.4</td>
</tr>
<tr>
<td>2</td>
<td>15.3</td>
</tr>
<tr>
<td>3</td>
<td>19.3</td>
</tr>
<tr>
<td>4</td>
<td>31.9</td>
</tr>
<tr>
<td>5</td>
<td>29.4</td>
</tr>
<tr>
<td></td>
<td><strong>Total area – 118.3 acres</strong></td>
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- **Total Volume:** 7.25 million cubic yards
- **Expected Life:** Five-to-six years.
- **Design:** The fill will be lined, with a leachate collection system and water quality monitoring plan consisting of nine groundwater monitoring wells and two surface water sample locations.

TIMELINE:

- **Draft permit is available for review:** March ##, 2015 - May ##, 2015 at http://portal.ncdenr.org/web/guest/coal-ash or the Division of Waste Management by appointment from 9 a.m. to 4 p.m., Monday-Friday.
- **Public Comment Period:** March ##, 2015 – May ##, 2015. Public comments may be submitted electronically by sending an email to publiccomments@ncdenr.gov. Please include “DWM” in the subject line. Comments may also be mailed to:
  Solid Waste Section Permitting Branch
  NCDENR/ Division of Waste Management
  1646 Mail Service Center
  Raleigh, NC 27699-1646

- **Public Hearing:** April 13, 2015, at 6:00 p.m., in the Dennis A. Wicker Civic Center, 1801 Nash St., Sanford, N.C.
- **Notification:** To receive notice of the final permit decision, please register with the division contact as listed above.