Pursuant to Tennessee Rules, Chapter 0400-04-07, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and § 401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

PERMIT COORDINATOR
Scott Hall
615-532-0358
Scott.hall@tn.gov

APPLICANT
Tennessee Valley Authority
John Kammeyer
1101 Market Street, 5D Lookout Place
Chattanooga, TN 37402
(423) 751-8246

LOCATION
Bull Run Fossil Plant – Old Edgemoor Road and New Henderson Road, Oak Ridge
Latitude 36.0314, Longitude -84.1328

PROJECT DESCRIPTION / PURPOSE
The applicant is proposing to reroute approximately 2,103 feet of Worthington Branch in order to construct a landfill necessary for proper disposal and storage of coal combustion residual (CCR) wastes that must be excavated from current disposal locations. This relocation will provide a replacement reach of approximately 2,695 feet. An additional 1,400 feet of Worthington Branch will be rerouted due to the construction of a haul road serving the landfill. Lost stream resource value will be compensated for on-site through use of natural stream design in the rerouted reaches that will provide an increase of approximately 804 functional feet of stream. Approximately 0.3 acres of wetland will be filled in conjunction with this project, and lost resource value for wetland impacts will be compensated for by the purchase of 0.6 credits from the Upper Tennessee River Service Area of the Tennessee Mitigation Fund Wetland Mitigation Bank.

POINTS OF IMPACT
Latitude 36.0314, Longitude -84.1328

WATERSHED / WATERBODY DESCRIPTION
Worthington Branch is located in the Lower Clinch River Watershed in the Tennessee River HUC 8 (TN06010207). For more information on this watershed or any Tennessee watershed, please visit our TN Basins webpage.

Ecoregion
67f Valley and Ridge
**Stream Name / ID** Melton Hill Reservoir Tributaries (TN06010207006T_0999 )

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<thead>
<tr>
<th>Designated Use</th>
<th>Use Support</th>
<th>Causes</th>
<th>Sources</th>
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</table>

**Assessment Date:** N/A

To view the proposed location of these impacts and the watershed condition visit [http://tdeconline.tn.gov/dwr/](http://tdeconline.tn.gov/dwr/) and search on the permit number listed in the title of this Public Notice.

**DETERMINATIONS**

In accordance with the Tennessee Anti-degradation Statement (Rule 0400-40-03-.06), the Division has made a preliminary determination that the proposed activities will result in greater than *de minimis* degradation to water quality. The applicant proposes to compensate for lost stream resource value through on-site permittee-responsible mitigation, and for lost wetland resource value through purchase of 0.6 credits from the Upper Tennessee River Service Area of the Tennessee Mitigation Fund Wetland Mitigation Bank.

**FACTORS CONSIDERED**

In deciding whether to issue or deny a permit, the Division will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The Division shall consider practicable alternatives to the alteration, loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impacts to unique, high quality, or impaired waters.

**HOW TO COMMENT**

Persons wishing to comment on the proposal are invited to submit written comments to the Division. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant’s name and permit number should be referenced. Send all written comments to the Division’s address listed below and to the attention of the permit coordinator. You may also comment via email to water.permits@tn.gov. After the Division makes a final permit decision, a permit appeal may be filed by the applicant or by any person who participated in the public comment period whose appeal is based on comments given to the Division in writing during the public comment period or in testimony at a formal public hearing. If it is hard for you to read, speak, or understand English, TDEC may be able to provide translation or interpretation services free of charge. Please contact Saul Castillo at 615-532-0462 for more information.
PUBLIC HEARING
Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed received by the department within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing requests to the department’s address listed below and to the attention of the permit coordinator at the address listed above.

FILE REVIEW
The permit application, supporting documentation including detailed plans and maps, and related comments are available for review on the internet at the Division’s data viewer by entering the permit number listed in the title of this Public Notice. The file may be viewed in person at the Division’s address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243
LOCATION / TOPOGRAPHIC MAP / SKETCHES
SITE DESIGNS / PHOTOGRAPHS

Riffle/pool sequence on Upper Section of Worthington Branch

Riffle in Middle Section of Worthington Branch
Head of riffle in Lower Section of Worthington Branch