



**STATE OF TENNESSEE
TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
COOKEVILLE ENVIRONMENTAL FIELD OFFICE**

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December 14, 2021

Ms. Tracy Meggs
e-copy: tmeggs.pe@gmail.com
1135 Arrowhead Road
Monterey, TN 38574

Re: **Approval of Inventoried Water Resources (DWR ID No. 24942)**
 ATC Automation
 Putnam County

Ms. Meggs:

The Tennessee Department of Environment and Conversation, Division of Water Resources (TDEC-DWR) has reviewed the Hydrologic Determination for Lauren Engineering on behalf of the Kevin and Thomas Mack property in Putnam County. This report was prepared by and submitted by yourself on November 18, 2021, in support of hydrologic determinations of waters of the state at the above referenced site.

The Division agrees with the findings of the waters of the state in the report. These findings as presented in the report and accompanying information are summarized and displayed in the table below and the attached map(s) from the report (Figure 1).

<i>Location^{1, 2}</i>	<i>Determination and Comments</i>
Site 1 <u>General Location</u> 36.1697, -85.5455	Stream – This feature was determined to meet the criteria to be classified as a stream. Stream indicators including <i>geomorphology</i> , <i>hydrology</i> , and <i>biology</i> were noted. Coverage under an Aquatic Resources Alteration Permit is needed for any alterations to this stream.

Location ^{1, 2}	Determination and Comments
<p>Site 2</p> <p><u>General Location</u> 36.171, -85.5462</p>	<p>Stream – This feature was determined to meet the criteria to be classified as a stream. Stream indicators including <i>geomorphology</i>, <i>hydrology</i>, and <i>biology</i> were noted.</p> <p>Coverage under an Aquatic Resources Alteration Permit is needed for any alterations to this stream.</p>
<p>¹See marked locations on the enclosed area map (Figure 1). ²Geographic coordinates are approximate and of limited precision.</p>	

Streams, lakes, reservoirs, groundwater, and wetlands of any size are considered waters of the State pursuant to the Tennessee Water Quality Control Act of 1977. Alterations to waters of the State require permit coverage under an *Aquatic Resources Alteration Permit* (ARAP). Information regarding the ARAP program can be found at <http://www.tn.gov/environment/article/permit-water-aquatic-resource-alteration-permit>.

Please note that a *Tennessee General Construction Permit* will be needed if future land disturbance activity for this project is one acre or more in size. Information regarding the construction storm water program can be found at <http://www.tn.gov/environment/article/permit-water-npdes-stormwater-construction-permit>. A completed Notice of Intent form, an application fee, and a storm water pollution prevention plan should be submitted to the above address for review and coverage under this permit.

Hydrologic determinations are advised and governed by Tennessee Department of Environment and Conservation (TDEC) rules and regulations, and therefore only apply to the State's permitting process. Because these and other various water features on-site may potentially also be considered jurisdictional Waters of the United States, any alterations to them should only be performed after consultation with the U.S. Army Corps of Engineers.

We appreciate the opportunity to assess the site prior to site plan finalization and initiation of construction activities. Because natural variation and human activities can alter hydrologic conditions, the division reserves the right to reassess the status of the water features in the future.

Approval of Inventoried Water Resources (DWR ID No. 24942)

ATC Automation

Putnam County

Page 3

Thank you for your interest in water quality in Tennessee. Please contact Tracy Daugherty at 931/202-0864 or by email at Tracy.Daugherty@tn.gov if you have any questions.

Respectfully,

A handwritten signature in blue ink, appearing to read 'Brad Ulmer', is positioned above the typed name.

Brad Ulmer
Environmental Field Office Manager
Division of Water Resources
Cookeville Environmental Field Office

Enclosures: ATC Automation Waters Resources Area Map (Figure 1)

Cc: File

Lauren Shibakov, Lauren Engineering, laurenengineering@gmail.com

