



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES
CHATTANOOGA ENVIRONMENTAL FIELD OFFICE
1301 RIVERFRONT PKWY, SUITE 206
CHATTANOOGA, TENNESSEE 37402-2013

September 4, 2024

Mr. William B. Raines, Jr.
The Raines Group
e-copy: braines@rainesgroup.com
1200 Mountain Creek Rd. Ste 100
Chattanooga, TN 37405

Re: Hydrologic Determination of Water Resources (DWR ID No. 33447)
2315 Taft Highway
Lower Tennessee River Watershed, Hamilton County, TN

Mr. Raines:

The Tennessee Department of Environment and Conversation, Division of Water Resources (Division) has reviewed the following report: “*Jurisdictional Waters Assessment*” for the proposed development project at 2315 Taft Highway. This report was prepared by S&ME, Inc. and submitted on your behalf to our office on August 21, 2024, in support of hydrologic determinations of water features located on the above referenced site. The site is located at 35.15908/-85.31811 (Lat/Long), off Taft Highway in Hamilton County, TN. Please note that all geographic coordinates provided in this letter have a limited precision and should be considered approximate. As part of our review, I conducted a site visit on September 4, 2024.

Based on the information submitted in the report, our observations on-site, and the Division’s rules and guidance regarding hydrologic determinations, the Division accepts the jurisdictional determinations of the assessed water features. The findings presented in the report are summarized in the table below. A map from the report that shows the locations of the assessed water features is also attached.

**Hydrologic Determination of Assessed Water Features
 2315 Taft Highway, Hamilton County**

TABLE 4-1: STREAMS			
ID	HD Classification	Lat / Long Start Lat / Long End	Approximate Length
S1	<u>Intermittent Stream</u> Secondary Score: 20.5	Start: 35.15908° / -85.31811°	279 feet
		End: 35.15848° / -85.31867°	
WWC1	<u>Wet Weather Conveyance</u> Secondary Score: 15	Start: 35.15994° / -85.31702°	459 feet
		End: 35.15908° / -85.31810°	

It is important to note that the Division’s evaluation and concurrence is restricted to the water features identified in the submitted report. This correspondence is not intended to represent a comprehensive water resource inventory of the entire site. It is the property owner’s responsibility to consider and report any additional water features within the property boundaries that may be affected by construction activities associated with future development.

Any alterations to jurisdictional streams, wetlands, or open water features may only be performed under the coverage of, and conformance to, a valid *Aquatic Resource Alteration Permit (ARAP)* issued by the Division. ARAP applications and provisions are available online at <https://www.tn.gov/environment/permit-permits/water-permits1/aquatic-resource-alteration-permit--arap-.html>.

Alterations to Wet Weather Conveyances typically may be performed without application or notification to the Division, provided they conform to the provisions found under *Tennessee Code Annotated § 69-3-108 (q)*.

Please note that coverage under the *General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)* will be needed if the land disturbance for this project is one acre or more in size. Information and applications regarding the Division’s construction storm water program can be found at <https://www.tn.gov/environment/permit-permits/water-permits1/npdes-permits1/npdes-stormwater-permitting-program/npdes-stormwater-construction-permit.html>.

Discharges and alterations to sinkholes may require the submittal of an application and written authorization under the provisions of TDEC Rules. Information and applications regarding the Underground Injection Control program are available online at <https://www.tn.gov/environment/permit-permits/water-permits1/underground-injection-control-permit.html>. Physical alterations or re-routing of surface hydrology to a sinkhole may require coverage under the *Class V Injection Control 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 jurisdictional status of these water features 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.

Thank you for your interest in water quality in Tennessee. Please contact me at 423-661-5267 or by email at Nikki.Carpenter@tn.gov if you have any questions.

Respectfully,



Nikki Carpenter
Division of Water Resources
Chattanooga Environmental Field Office

Encl: *Attachment 1 - Hydrologic Features Area Map*

Cc: File copy
Jennifer Innes, Environmental Program Manager, Jennifer.Innes@tn.gov
Kari Kennel Weaver, S&ME Inc., karikennel@smeinc.com
Autumn Friday, Hamilton County MS4 Manager, autumnf@hamiltontn.gov
USACE District Nashville: NashvilleRegulatory@usace.army.mil



Extent of Surface Waters:
 Relatively Permanent Waters (RPW):
 S1: 279 feet
 Non-Relatively Permanent Waters (NRPW):
 WWC1: 459 feet

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
 Source: Esri, Maxar, Earthstar Geographics, and the

REFERENCE: GIS BASE LAYERS WERE OBTAINED FROM ESRI. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

- ▭ EVALUATION BOUNDARY
- STREAM
- WWC

	POTENTIALLY JURISDICTIONAL WATERS	SCALE: 1" = 200'	FIGURE NO. 5
	2315 TAFT HIGHWAY WALDEN, HAMILTON COUNTY, TENNESSEE	DATE: 8-7-2024 PROJECT NUMBER: 24810233	



Attachment 1: Hydrologic Features Area Map
 (Map taken from Hydrologic Determination Report for 2315 Taft Hwy by S&ME)
 Hamilton County