



**STATE OF TENNESSEE**  
**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION**  
**KNOXVILLE ENVIRONMENTAL FIELD OFFICE**  
3711 MIDDLEBROOK PIKE  
KNOXVILLE, TENNESSEE 37911

June 25, 2024

Mr. Ryan Hennessey, Principal  
Karst Engineering  
3214 Tazewell Pike, Suite #1  
Knoxville, TN 37924

Re: Hydrologic Determination of Water Resources (DWR ID No. 33225)  
1141 Catlett Road  
Turkey Creek Watershed, Knox County, TN

Mr. Hennessey:

The Tennessee Department of Environment and Conversation, Division of Water Resources (TDEC-DWR) has reviewed the *Hydrologic Determination Report* for a 11.5 acre parcel at 1141 Catlett Park Road in Knox County. This report was prepared by Karst Engineering and submitted to our office on June 4, 2024, in support of jurisdictional hydrologic determinations of water feature associated with the above referenced site. These water features are located on property located at 35.9121/ -84.16702 (Lat/Long), in Knoxville, TN. Please note that all geographic coordinates provided in this letter have a limited precision and should be considered approximate.

Based on the information and documentation submitted in the report, our observations on-site, and the Division's rules and guidance regarding hydrologic determinations, the Division accepts the jurisdictional determination of the assessed water feature as documented in the submitted report and portrayed on *Exhibit 4 – Findings Map*. These findings as presented in the report and accompanying information are summarized and displayed in the table below and the attached map from the report.

**Hydrologic Determination of Assessed Water Features**  
**1141 Catlett Road, Knoxville, Knox County**

<b>Feature</b>	<b>Determination</b>	<b>Begin</b>	<b>End</b>
Channel 1	Wet Weather Conveyance	35.91201, -84.16825 (upstream property boundary)	35.91266, -84.16652 (downstream property boundary)

It is important to note that the Division's evaluation and concurrence is restricted to only the water features identified within the submitted report and as depicted on the attached map. Only the water features listed above were assessed

as part of this hydrologic determination, therefore 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 any 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 on-line at <https://www.tn.gov/environment/permit-permits/water-permits/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 proposed land disturbance activity for this project is one acre or more in size. Information and applications regarding the Division's construction storm water program can be found [online](#). 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 prior to any land disturbance.

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 may be seen online at <https://www.tn.gov/environment/permit-permits/water-permits/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 Chris Pracheil at 865-296-2161 or by email at [christopher.pracheil@tn.gov](mailto:christopher.pracheil@tn.gov) if you have any questions.

Respectfully,



Michael Atchley  
Environmental Program Manager, Knoxville Environmental Field Office  
TDEC Division of Water Resources

Enclosures: Attachment 1 - Hydrologic Features Area Map

Cc: File copy  
Mr. Christopher Haynes, P.E., Karst Engineering  
USACE District Nashville: [NashvilleRegulatory@usace.army.mil](mailto:NashvilleRegulatory@usace.army.mil)

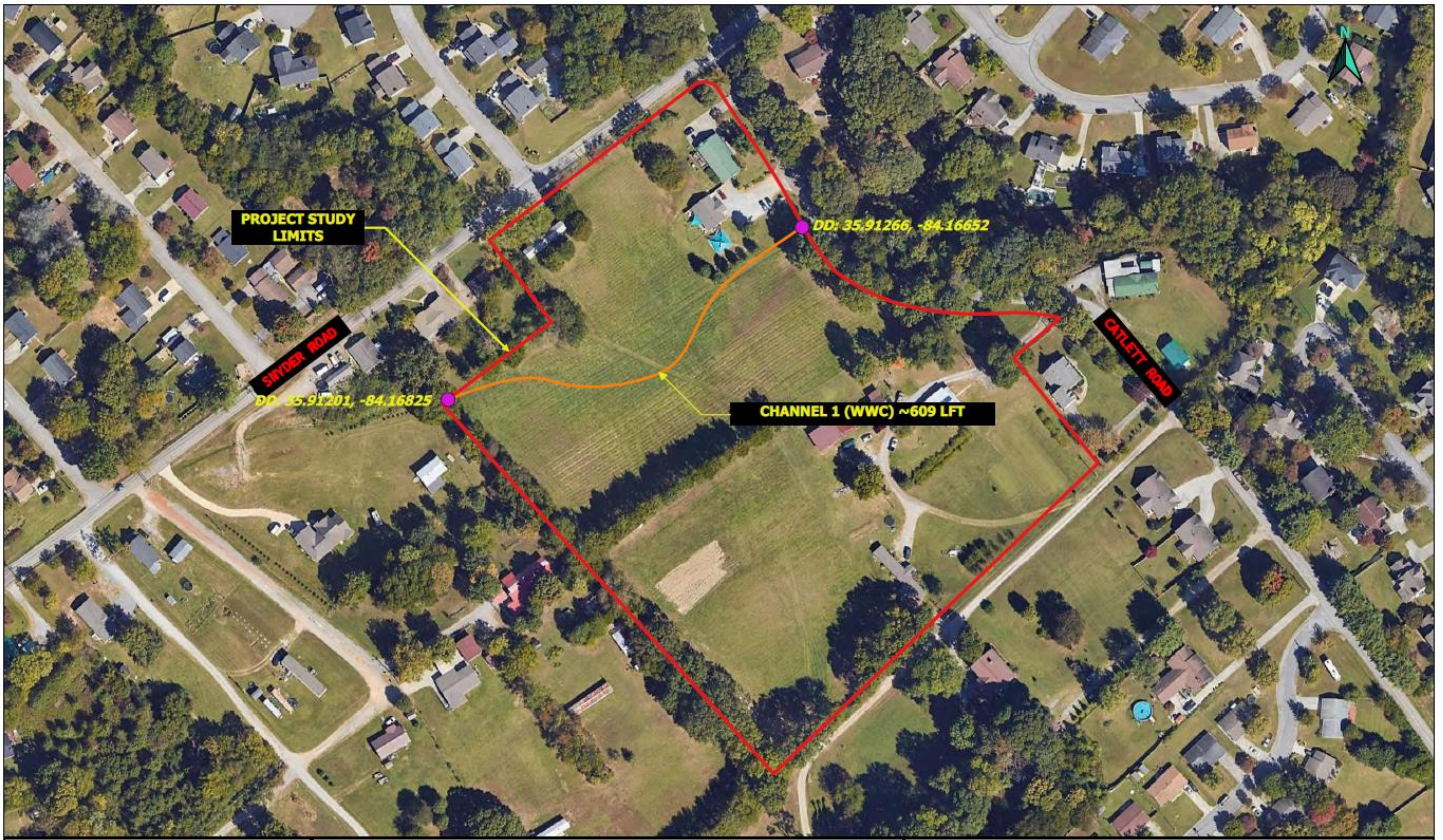


EXHIBIT 4 - FINDINGS MAP  
 HYDROLOGIC DETERMINATION REPORT  
 1141 CATLETT ROAD  
 PARCEL ID 130 160  
 KNOX COUNTY, TENNESSEE



DRAWN BY: RRH  
 DATE: 05/22/2024  
 PROJECT#: 24-11008

Attachment 1: Hydrologic Features Map  
 (Map taken from Hydrologic Determination Report by Karst Engineering)  
 Knox County