



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
KNOXVILLE ENVIRONMENTAL FIELD OFFICE

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KNOXVILLE, TENNESSEE 37921-6538  
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June 06, 2022

Mr. Phillip Boggs, Mine Engineer  
Mark V Mining and Engineering, Inc.  
353 Cullom Street  
Clinton, TN 37716

**RE: Hydrologic Determination (Concurrence)**

Clear Development, LLC  
Thorn Hill Quarry  
NPDES Permit # TN0070441  
Grainger County

Dear Mr. Boggs:

Thank you for submitting the hydrologic determination report associated with the Clear Development, LLC Thorn Hill Quarry. The hydrologic determination report submitted to the Division identified one wet weather conveyance in the proposed expansion area. Based on the results of a TDEC site visit, the information submitted in the hydrologic determination report and the division's rules and guidelines regarding hydrologic determinations; the division accepts the jurisdictional determination of the water feature as portrayed in the submitted report and attached table.

Alterations to any streams, wetlands or other waters determined to be jurisdictional by the USACE will require an Aquatic Resource Alteration Permit (ARAP)/§401 Certification. Additionally, the alteration of some features may require authorization of an ARAP even if the feature does not require a USACE permit. Alterations to wet weather conveyances must maintain sufficient Best Management Practices (BMPs) to prevent materials from leaving the work areas and causing adverse impacts to other waters.

If you have any questions concerning this correspondence, please contact me at (865) 696-0211 or christopher.pracheil@tn.gov

Sincerely,

*Chris Pracheil*

Chris Pracheil  
Environmental Scientist 3  
Division of Water Resources  
Mining Section

cc: NPDES Pending File  
Ms. Rebecca Lenz, Environmental Scientist, Knoxville EFO

Feature ID	Classification	Start (Lat/Long)	End (Lat/Long)
WWC-1	Wet Weather Conveyance	34.3434, -83.4484	34.34758, -83.4474