



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
KNOXVILLE ENVIRONMENTAL FIELD OFFICE
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Date: September 22, 2021

Billy Plant, TN Qualified Hydrologic Professional IT
Site Engineering Consultants, Inc.
850 Middle Tennessee Blvd.
Murfreesboro, TN 37129

RE: Concurrence of Hydrologic Determination
SRM Woodbury Quarry
Cannon County, TN

Dear Mr. Plant:

Thank you for the Hydrologic Determination (HD) submittal for the SRM Woodbury Quarry proposed expansion. Review of the normal weather conditions found that the submitted HD did not use the latest data (1991-2020) for assigning precipitation normal values. This did not affect the call for wetter than normal condition using CoCoRaHs station TN-CN-10 data for the normal weather conditions calculation. Division staff used precipitation data from the National Weather Service NowDATA station WOODBURY 1 WNW and calculated normal weather conditions for precipitation during the same three-month period. These differences are minor and would not likely have altered the classification of the existing water features.

TN Division staff concur with the calls for features identified in the submitted hydrologic determination. In the HD submittal two streams were identified as STM-1 and STM-2. Due to the proximity of the quarry to the evaluated features any expansion of the mining activities should consider measures to document the existing stream resources and protect them from degradation from loss of surface flow due to the alterations of the source hydrology. The quarry is responsible for degradation of the stream resulting from their activities. Due to the proximity of the quarry to these streams SRM may wish to develop a contingency mitigation plan or reserve credits with a mitigation bank for these features. The features identified as streams or wetlands require coverage under an Aquatic Resource Alteration Permit (ARAP) before being altered.

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

Thank you for your submittal. Please contact me at (865)770-9473 if you have any questions concerning this correspondence.

Sincerely,



Dan Murray
TDEC Environmental Consultant
Division of Water Resources-Mining

CMP: DRM

Email: Jeremy Harris, SRM
USACE Regulatory, Nashville
Brad Ulmer, Cookeville EFO