



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

Nashville Environmental Field Office
711 R.S. Gass Boulevard
Nashville, TN 37216

Phone 615-687-7000 Statewide 1-888-891-8332 Fax 615-687-7078

October 7, 2016

Mr. Zac Cypress
Cypress Batson Family, LLC
408 Brook Hollow Road
Nashville, TN 37203

Certified Mail Receipt
7014 1200 0000 5742 6706

Re: Hydrologic Determination (DWR ID No. 8500)
Proposed Mt. Juliet High School Campus
Cedar Creek Watershed, Wilson County

Dear Mr. Cypress:

On September 9, 2016, the Division of Water Resources (division) received a jurisdictional waters determination of hydrologic features report submitted on your behalf by Samuel Parish of BDY Environmental, LLC (BDY). Mr. Parish submitted this report as a Qualified Hydrologic Professional (TN QHP No. 1107-TN13) under the auspices of rule §69-3-108(r). This report concerns several water features located on the 61.3 acre property east of Green Hill Road (Parcel ID A095053 04000 00001053 C), north of Highway 70, Lat. 36.226379, Long. -86.543014, Mt. Juliet, Wilson County, Tennessee. This property is within the Cedar Creek watershed and is located on the Hermitage TN USGS 7.5 minute topographic quad map. 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 and the division's rules and guidance regarding hydrologic determinations, the division accepts the jurisdictional determination of the water features as portrayed in the submitted BDY report and attached map (Map Attachment, Figure 2). A copy of Figure 2 is attached to this letter. Water features shown in dashed orange have been determined to be wet-weather conveyances (WWC). Water features shown in blue have been determined to be streams.

<u>Water Feature</u>	<u>Starting Coordinates(Lat./Long.)</u>	<u>Ending Coordinates(Lat./Long.)</u>
WC-1 (Stream)	36.232130, -86.539817	36.231198, -86.538173
WC-2 (Stream)	36.232115, -86.539142	36.232134, -86.539209
WC-2a (WWC)	36.233204, -86.539510	36.232115, -86.539142

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<u>Water Feature</u>	<u>Starting Coordinates(Lat./Long.)</u>	<u>Ending Coordinates(Lat./Long.)</u>
WC-3 (Stream)	36.233777, -86.538130	36.231868, -86.538901
WC-3a (WWC)	36.233401, -86.537824	36.232777, -86.538130
WC-3b (WWC)	36.232879, -86.537802	36.232777, -86.538130
WC-4 (Stream)	36.232224, -86.539315	36.232128, -86.539256
WC-5 (WWC)	36.230466, -86.539825	36.231680, -86.538936

In addition, BDY identified a 0.07 acre wetland on site at approximately Lat. 36.22768, Long. -86.53911. This wetland is jurisdictional and is shown on the attached map in blue, green, and yellow crosshatch. Alterations to wetlands may only be performed under coverage of and conformance to a valid *Aquatic Resources Alteration Permit (ARAP)*.

A small pond was identified on site at approximately Lat. 36.123456, Long. -86.123456. This pond appears to only hold water after precipitation events, does not have discrete inlets or outlets, and is not jurisdictional.

Only the water features addressed above were assessed during this determination. Alterations to wet weather conveyances typically may be performed without application or notification to the division, as long as they conform to the provisions of the *General Aquatic Resource Alteration Permit for the Alteration of Wet Weather Conveyances*.

Any alterations to streams or wetlands 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 <http://www.tn.gov/environment/article/permit-water-aquatic-resource-alteration-permit>.

If the disturbed area of this project is one acre or greater, coverage under the *General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)* will be required from this division before any clearing or earth moving activities are started. Information on the construction stormwater permit is available online at <http://www.tn.gov/environment/article/permit-water-npdes-stormwater-construction-permit>.

Please be advised that effective erosion prevention and sediment control measures must be used during the construction phase of this project to prevent the discharge of pollutants to waters of the State.

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.

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I 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.

Thank you for your interest in water quality in Tennessee. If you have any questions or need additional information, please contact me at 615-687-7101 or by email at Brandon.Yates@tn.gov.

Sincerely,



Brandon Yates

cc: Sam Parrish, BDY
Adam Meadors, Mt. Juliet MS4
U.S. Army Corp of Engineers, NashvilleRegulatory@usace.army.mil

Enclosure: Map Attachment

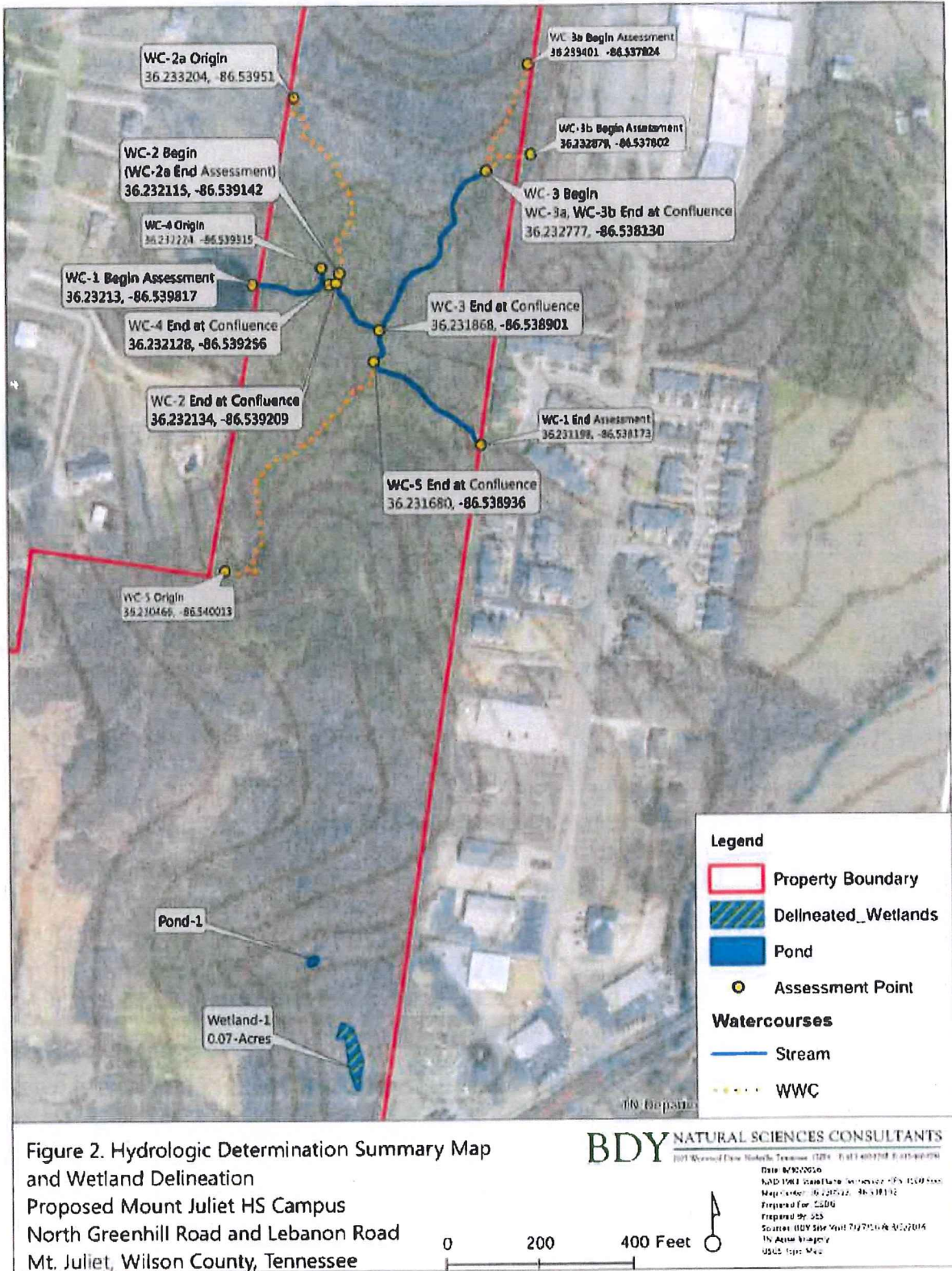


Figure 2. Hydrologic Determination Summary Map
 and Wetland Delineation
 Proposed Mount Juliet HS Campus
 North Greenhill Road and Lebanon Road
 Mt. Juliet, Wilson County, Tennessee

BDY NATURAL SCIENCES CONSULTANTS
 101 Westwood Drive, Nashville, Tennessee 37219 | 615.833.7700 | 615.833.9070
 Date: 8/30/2016
 SVD: SWP
 Prepared for: CSDG
 Prepared by: JCS
 Source: BDY Site Visit 7/27/16 & 8/22/2016
 In Accordance with
 USGS 1984 Map