

**TOWN OF HADDAM  
INLAND WETLANDS COMMISSION  
PERMIT APPLICATION**

Permit # W-23-009

Assessor's Map: 55 Lot: 71

Applicant's Name: Bonye Barone

Home Phone: \_\_\_\_\_  
Cell Phone: 860.301.7701

Work Phone: \_\_\_\_\_  
EMAIL: bwbesq@aol.com

Address: 658 South Rainbow Ridge Dr., Cornville, AZ 86325

Property Owner(s): Same

Property Owners(s) Address: Same

Property Street Location OF WORK: McTigh Rd(no adress)

Proposed Activity: Construction of house, accessory dwelling, well, septic system, and driveway. Related lot clearing. Activity within 100' of the wetland, driveway crossing of a wetland with a cross culvert.

RECEIVED  
OCT 30 2023  
RECEIVED



**DIMENSIONS OF THE PROJECT**

Type of upland review area (minor, major, watercourse)	<u>minor</u>
Total acreage of property where activity is proposed	<u>12.4</u> Acres
Total regulated area on the property (wetlands, watercourses)	<u>7</u> Acres
Size of regulated area on which regulated activity is to take place	<u>6,600</u> Sq. Ft.
Acreage or square feet of wetlands and watercourses created	<u>0.0</u> Acres
Acreage or square feet of wetlands and watercourses altered	<u>0.0148</u> Acres <u>645</u> sf
Linear feet of stream alteration	<u>20</u> Ft
Is property located within a Special Flood Hazard Area?	<u>yes</u>
Is the property located within a FEMA Flood Zone?	<u>yes</u>
Is property located within the Channel Encroachment Line of the Connecticut River?	<u>no</u>

(over -- to reverse side -- both sides must be completed)

**NOTE: IF YOU HAVE ANY QUESTIONS ABOUT COMPLETING THIS APPLICATION, PLEASE CALL THE HADDAM INLAND WETLANDS AGENT at (860) 345-8532 EXT 224**

BWB



## Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete this form in accordance with the instructions on pages 2 and 3 and mail to:

DEEP Land & Water Resources Division, Inland Wetlands Management Program, 79 Elm Street, 3<sup>rd</sup> Floor, Hartford, CT 06106

Incomplete or incomprehensible forms will be mailed back to the inland wetlands agency.

### PART I: Must Be Completed By The Inland Wetlands Agency

1. DATE ACTION WAS TAKEN: year: \_\_\_\_\_ month: \_\_\_\_\_
2. ACTION TAKEN (see instructions - one code only): \_\_\_\_\_
3. WAS A PUBLIC HEARING HELD (check one)? yes  no
4. NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:  
(print name) \_\_\_\_\_ (signature) \_\_\_\_\_

### PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant

5. TOWN IN WHICH THE ACTIVITY IS OCCURRING (print name): HADDAM  
does this project cross municipal boundaries (check one)? yes  no   
if yes, list the other town(s) in which the activity is occurring (print name(s)): \_\_\_\_\_
6. LOCATION (see instructions for information): USGS quad name: HADDAM or number: 83  
subregional drainage basin number: 4014
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): BENYE BARONE
8. NAME & ADDRESS OF ACTIVITY / PROJECT SITE (print information): MCTIGA RD. MAD 55, LOT 71  
briefly describe the action/project/activity (check and print information): temporary  permanent  description: SINGLE FAMILY RESIDENTIAL HOME, D.W. CROSSING.
9. ACTIVITY PURPOSE CODE (see instructions - one code only): B
10. ACTIVITY TYPE CODE(S) (see instructions for codes): 1, 7, 9, 12
11. WETLAND / WATERCOURSE AREA ALTERED (see instructions for explanation, must provide acres or linear feet):  
wetlands: 0.0148 acres open water body: 0 acres stream: 20 linear feet
12. UPLAND AREA ALTERED (must provide acres): 0.15 acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): 0 acres

DATE RECEIVED:

### PART III: To Be Completed By The DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO





Wetland Delineation • Wetland Assessment & Permitting • Wildlife & Botanical Surveys • Fisheries & Aquatics • GIS Mapping

October 17, 2023

Pat Benjamin  
Bascom & Benjamin  
360 Main Street  
Durham CT 06422

**RE: *Wetland and Watercourse Delineation Report  
McTigh Road, Haddam***

Mr. Benjamin,

At your request, I conducted an inspection on the above-referenced property on May 12, 2023 as depicted on the attached *Wetland Delineation Sketch Map*. The purpose of the inspection was to delineate Connecticut jurisdictional wetlands and watercourses. The inspection was conducted by a soil scientist according to the requirements of the Connecticut Inland Wetlands and Watercourses Act (P.A. 155).

Inland wetlands include soil types designated as poorly drained, very poorly drained, alluvial, and floodplain by the National Cooperative Soils Survey as may be amended from time to time, of the National Resources Conservation Service (NRCS). Watercourses means rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent. Intermittent watercourses shall be delineated by a defined permanent channel and bank and the occurrence of two or more of the following characteristics: (A) *Evidence of scour or deposits of recent alluvium or detritus*, (B) *the presence of standing or flowing water for a duration longer than a particular storm incident*, and (C) *the presence of hydrophytic vegetation*.

Wetlands were delineated by examining the upper 24" of the soil profile with an auger. Those areas meeting the requirements noted above were marked with pink flagging tape labeled "Wetland Delineation" and numbered 1X/17X and 1-87. Refer to *Wetland Delineation Sketch Map*, attached (note that the sketch map is for illustrative purposes only).

Two wetlands were delineated. Wetland 1X/17X is an isolated wetland located in the northwest corner of the Site. The principal wetland lies along the easterly Site boundary, bordering Ponset Brook. Both wetlands are forested wetlands, with hydrology ranging from saturated to temporarily flooded.

#### Wetland Soil Types

Wetland soils are comprised of the Ridgebury, Leicester and Whitman complex. This is an undifferentiated mapping unit consisting of two poorly drained (Ridgebury and Leicester) and one very poorly drained (Whitman) soil developed on glacial till in depressions and drainageways in uplands and valleys. Their use interpretations are very similar, and they typically are so intermingled on the landscape that separation is not practical. The Ridgebury and Leicester series have a seasonal high water table at or near the surface (0-6") from fall through spring. They differ in that the Leicester soil has a more friable compact layer or hardpan, while the Ridgebury soils have a dense to very dense compact layer. The Whitman soil has a high water table for much of the year and may frequently be ponded.

#### Upland (Non-Wetland) Soil Types

The non-wetland soils were not examined in detail, except as was necessary to identify the wetland boundary. They generally consist of the Charlton-Chatfield complex. The Charlton series is a very deep, well drained loamy soil formed in friable till. They are nearly level to very steep soils on till plains and hills. Depth to bedrock and the seasonal high water table is commonly more than 6 feet.

The Chatfield series consists of moderately deep, well drained, and somewhat excessively drained soils formed in till. They are nearly level to very steep soils on glaciated plains, hills, and ridges. Crystalline bedrock is at depths of 20 to 40 inches. The soils formed in a moderately thick mantle of glacial till overlying granite, gneiss, or schist bedrock. Rock outcrops are rare to common and are limited to the more resistant bedrock.

If you have any questions regarding these findings, please feel free to contact me.

Respectfully submitted,



Eric Davison  
Wetland Scientist  
Registered Soil Scientist

eric@davisonenvironmental.com  
www.davisonenvironmental.com

Attachments: (1) Wetland Photographs  
(2) Wetland Delineation Sketch Map

*WETLAND PHOTOGRAPHS*

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*Photo 1: View of isolated wetland demarcated by flags 1X/17X.*

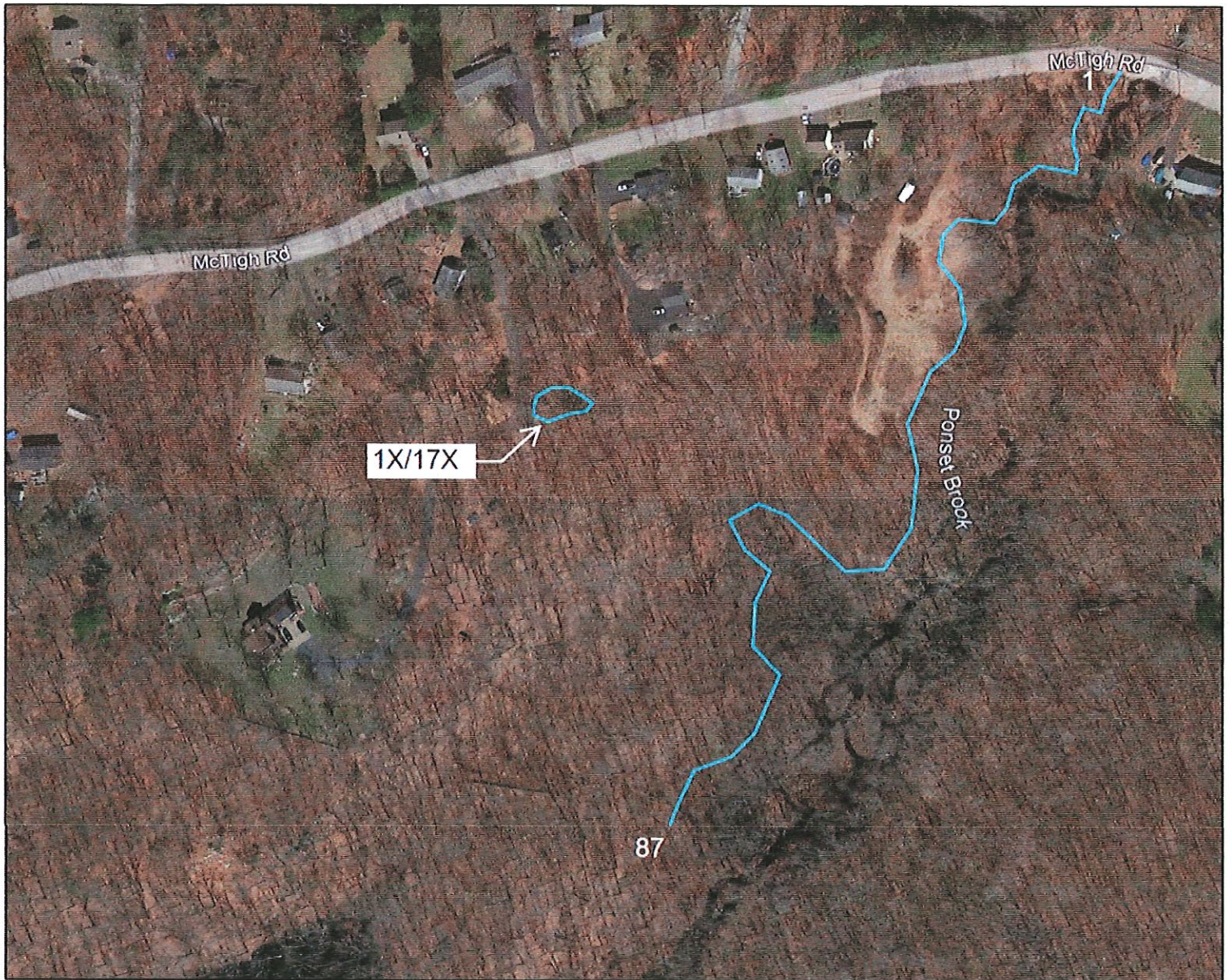


*Photo 2: View of primary wetland along Ponset Brook, demarcated by flags 1-87.*

*WETLAND DELINEATION SKETCH MAP*

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McTigh Rd

McTigh Rd

1X/17X

Ponset Brook

87