

**TOWN OF GLASTONBURY  
INLAND WETLANDS & WATERCOURSES COMMISSION**

**APPLICATION FOR PERMIT  
AND  
SUPPLEMENTAL INFORMATION**

**CULVERT INSTALLATION BETWEEN EXISTING PONDS LOCATED AT  
407 ASH SWAMP ROAD AND 133 PENWOOD XING**

**APPLICANT:**

**TOWN OF GLASTONBURY**

**PREPARED BY:**

**TOWN OF GLASTONBURY ENGINEERING DIVISION**

**COVER SHEET TO BE LEGIBLY COMPLETED AND SUBMITTED ALONG WITH ALL OTHER APPLICATION MATERIALS (Parts I, II, II and IV as applicable)**

1. **Applicant's name:** Town of Glastonbury
2. **Title of project:** Culvert Installation between Existing Ponds located at 407 Ash Swamp Road / 133 Penwood Xing
3. **Address or descriptive location of proposed project or regulated activity:**  
407 Ash Swamp Road and 133 Penwood Xing.

4. **Please check/indicate all that apply with regard to the application being submitted:**

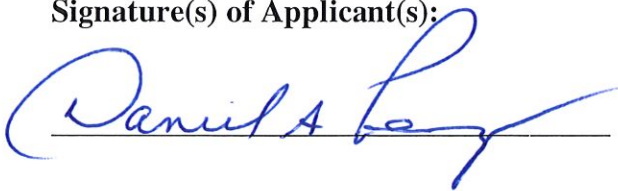
Circumstance	check	requirements
• application for only a regulated activity	<u>  X  </u>	complete Part I
• application also involves a proposed subdivision, special permit or planned area development	<u>      </u>	complete Part II
• application also involves a "significant" impact activity (see definition)	<u>      </u>	complete Part III
• application for renewal or time extension for or amendment to an issued permit	<u>      </u>	complete Part IV

5. **Certification by applicant**

By my signature I hereby certify that:

- i. the applicant is familiar with all of the information provided in the application and is aware of the penalties for obtaining a permit by deception or by inaccurate or misleading information; and
- ii. the Agency members and their designated agents are authorized to inspect the property, at reasonable times, both before and after a final decision has been issued, and after completion of the project.

**Signature(s) of Applicant(s):**



**Date:**

9/9/2021

**PART 1:**

**1-A:**

Town of Glastonbury Engineering Division  
Daniel A. Pennington, P.E.- Town Engineer/Manager of Physical Services  
2155 Main Street  
Glastonbury, CT 06033

**1-B:**

Muhammad Aadil Abbas & Maira Rahman  
133 Penwood Crossing  
Glastonbury, CT 06033

Roger & Marlene Zola  
407 Ash Swamp Road  
Glastonbury, CT 06033

**1-C:**

The Town has a drainage easement over the eastern portion of the project area where an existing detention pond exists. The western portion of the project area is on property owned by Roger and Marlene Zola at whose request this project is being initiated. Their letter of consent to the project is included with this application.

**1-D:**

See Attached USGS Quad Map depicting site location.

**1-E:**

The subject area was studied in detail as part of the Tyler Subdivision Phase 2/3 and wetland flagging from the time of the subdivision approval is depicted on the project plans. A portion of the proposed 12" diameter culvert and inlet protection will be located within the flagged wetland limits shown on the attached site plan. The remaining work required will be located in the 100' upland review area. The soil types at the site location are Manchester gravelly sandy loam (37C) and Udorthents-Pits complex (305).

**1-F:**

The purpose of this project is to address a complaint from Mr. Zola of receding water levels in the pond on his property by installing a culvert to convey stormwater from the existing stormwater detention pond owned and maintained by the Town of Glastonbury and located in a drainage easement on the Abbas property to the east. This will involve installation of 35 L.F. of a 12" diameter culvert with intermediate rip rap inlet/outlet protection between the two ponds.

The proposed project will have a direct wetland impact of approximately 300 S.F. and approximately 900 S.F. of impact in the 100 ft upland review area.

**1-G:**

The project will be performed during summer weather and low flow conditions to minimize the potential for sedimentation of the existing ponds. Intermediate rip rap inlet/outlet protection is proposed for long term erosion protection at the culvert ends. Staked hay bales and or silt fence will be installed on either end of the culvert construction limits to impede soil migration during construction. All disturbed areas will loamed and seeded with New England Conservation Mix after construction is completed.

**1-H:**

See attached Town of Glastonbury 1"= 100' GIS map of the project area.

**1-I:**

See attached 1"=40' Site Plan

**1-J:**

No existing or proposed impervious surfaces are located within the project area.

**1-K,L:**

See attached plans

**1-M:**

133 Penwood Crossing  
N/F Muhammad Aadil Abbas & Maira Rahman  
Vol. 3563 Pg. 95

407 Ash Swamp Road  
Roger & Marlene Zola  
Vol. 1365 Pg. 293

**1-N:**

See the attached signed letter from Roger & Marlene Zola (407 Ash Swamp Road) and Muhammad Aadil Abbas & Maira Rahman (133 Penwood Crossing). Proposed work located on the property at 133 Penwood Crossing is within an existing drainage easement in favor of the Town of Glastonbury.

**1-O:**

No alternative was pursued for this application. This project was initiated to resolve a complaint from Mr. Zola that the water level in his pond had receded after construction of the Tyler Open

Space Subdivision was completed. A meeting was held at the project site with the Developer, Design Engineer, and Town Engineer to determine the most feasible way to resolve the issue while minimizing impact to abutting wetland areas. The proposed culvert between the two ponds with riprap inlet and outlet protection was determined to be the most prudent means of resolving the issue.

**1-P:**

#133 Penwood Crossing: Total Parcel Wetlands = 11,100± S.F.

#407 Ash Swamp Road: Total Parcel Wetlands = 2,240± S.F.

Project Direct Wetlands Impact: 300 S.F.

Project Regulated Impact Area: 900 S.F. (100' Upland Review Area)

**1-Q:**

See the attached signed letter from Roger & Marlene Zola (407 Ash Swamp Road) and Muhammad Aadil Abbas & Maira Rahman (133 Penwood Crossing). Proposed work located on the property at 133 Penwood Crossing is within an existing drainage easement in favor of the Town of Glastonbury.

**1-R:**

See attached CT DEEP Reporting Form

**1-S:**

Fee Schedule: Exempt- Boards, Commissions, Councils and Departments of the Town of Glastonbury are exempt from all fee requirements.

**1-T:**

**a.** No portion of the project which the regulated activity is proposed is located within 500 feet of the boundary of an adjoining municipality

**b.** No traffic attributed to the completed project will use streets within the adjoining municipality to enter and exit.

**c.** Sewer and Water drainage from the project site will flow through and impact the sewage or drainage system within the adjoining municipality.

**d.** Water runoff will not impact streets or any other property within the adjoining municipality.

**1-U:**

Not Applicable

**1-V:**

Not Applicable

**PART 2:**

Not Required. Project is not a Subdivision, does not require a special permit, or is part of a Planned Area Development.



## Statewide Inland Wetlands & Watercourses Activity Reporting Form

*Please complete - print clearly - and mail this form in accordance with the instructions on pages 2 and 3 to:  
Wetlands Management Section, Inland Water Resources Division, CT DEEP, 79 Elm Street – 3<sup>rd</sup> Floor, Hartford, CT 06106*

### PART I: To Be Completed By the Municipal Inland Wetlands Agency Only

- DATE ACTION WAS TAKEN (enter one year and month): Year \_\_\_\_\_ Month \_\_\_\_\_
- ACTION TAKEN (enter one code letter): \_\_\_\_\_
- WAS A PUBLIC HEARING HELD (check one)? Yes \_\_\_\_\_ No \_\_\_\_\_
- NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:  
(type name) \_\_\_\_\_ (signature) \_\_\_\_\_

### PART II: To Be Completed By the Municipal Inland Wetlands Agency or the Applicant

- TOWN IN WHICH THE ACTION IS OCCURRING (type name): GLASTONBURY CONNECTICUT  
Does this project cross municipal boundaries (check one)? Yes \_\_\_\_\_ No X  
If Yes, list the other town(s) in which the action is occurring (type name(s)): \_\_\_\_\_, \_\_\_\_\_
- LOCATION (see directions for website information): USGS Quad Map Name: MARLBOROUGH or Quad Number: 54  
Subregional Drainage Basin Number: 4009-03-1
- NAME OF APPLICANT, VIOLATOR OR PETITIONER (type name): TOWN OF GLASTONBURY
- NAME & ADDRESS/LOCATION OF PROJECT SITE (type information): 133 PENWOOD CROSSING  
407 ASH SWAMP ROAD  
Briefly describe the action/project/activity (check and type information): Temporary \_\_\_\_\_ Permanent X  
Description: INSTALLATION OF 35 L.F. OF 12" HDPE CULVERT WITH ASSOCIATED INLET/OUTLET PROTECTION
- ACTIVITY PURPOSE CODE (enter one code letter): E
- ACTIVITY TYPE CODE(S) (enter up to four code numbers): 2, 7, 10, 12
- WETLAND / WATERCOURSE AREA ALTERED (type in acres or linear feet as indicated):  
Wetlands: 0.007 acres Open Water Body: \_\_\_\_\_ acres Stream: \_\_\_\_\_ linear feet
- UPLAND AREA ALTERED (type in acres as indicated): 0.02 acres
- AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (type in acres as indicated): 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