

**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: James D. Jusko**
2. **Title of project: Stream Channel Construction & Culvert Pipe(s) Removal**
3. **Address or descriptive location of proposed project or regulated activity:
150 Chatham Hill Road**
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

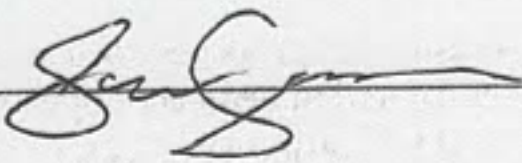
5. Certification by applicant

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:



 07/08/2021

PART I

All applications to authorize proposed regulated activities shall legibly include the following information in writing and on maps and plans or drawings:

- A. The applicant's name, home and business mailing addresses and telephone numbers; if the applicant is a Limited Liability Corporation or a Corporation the managing member's or responsible corporate officer's name, address, and telephone number.
- B. The landowner's name, mailing address and telephone number and a signed written consent letter from the landowner if the applicant is not the owner of the land upon which the subject activity is proposed.
- C. The applicant's interest in the land.
- D. Using the appropriate United States Geological Survey quadrangle topographic map, a location map at a scale of 1 inch = 2,000 feet identifying the geographical location of the land which is the subject of the proposed activity.
- E. A description of the land in sufficient detail to allow identification of the inland wetlands and watercourses, the area(s) (in acres or square feet) of wetlands or watercourses to be disturbed by the proposed regulated activity, soil type(s), and wetland vegetation.
- F. A written narrative on the purpose and a description of the proposed regulated activity.
- G. The proposed erosion and sedimentation controls and other management practices and mitigation measures, such as but not limited to, any measures to detain or retain stormwater runoff or recharge groundwater, any plantings for habitat improvements, and any other measures proposed to mitigate the potential environmental impacts, which may be considered as a condition of issuing a permit or license for the proposed regulated activity including, but not limited to measures to (1) prevent or minimize pollution or other environmental damage, (2) maintain or enhance existing environmental quality, or (3) in the following order of priority: restore, enhance, and create productive, functional wetland or watercourse resources.
- H. A map at a scale of 1 inch equals 100 feet identifying the topographical features of the property to be affected by the proposed activity, adjacent lands, adjacent regulated areas, such as upstream and/or downstream areas as may be identified by the Agency or its designated agent, and other pertinent features including, but not limited to, existing and proposed property lines, roads, and drives, existing and proposed buildings and their utilities, topography, soil types, the limits of inland wetlands, watercourses and upland review areas, existing and proposed lands protected as open space or by conservation easements, and types of vegetative cover.
- I. A site plan at a scale that provides sufficient detail showing existing and proposed measures to mitigate the potential environmental impacts, including, but not limited to dedicated open space areas, along with their computed land area(s), and areas protected by conservation easements or restrictions, along with their computed land area(s).

- J. A site plan showing the existing and proposed impervious surfaces, along with their computed land area(s), and the existing and proposed management practices that serve to mitigate the hydrologic, thermal and other adverse effects caused by such impervious surfaces.
- K. A site plan showing the proposed activity and existing and proposed conditions in relation to wetlands and watercourses and upland review area(s) and identifying any further activities associated with, or reasonably related to, the proposed regulated activity which are made inevitable by the proposed regulated activity and which may have an impact on wetlands or watercourses.
- L. A title block and legend of symbols used for each plan or map or drawing indicating the name of plan or map or drawing, date prepared and subsequent revision dates, and scale.
- M. Names and addresses of abutting property owners as shown in the records of the tax assessor of the municipality as of a date no earlier than thirty (30) days before the date the application is submitted to the Agency.
- N. Certification by the applicant that the applicant is familiar with all the information provided in the application and is aware of the penalties for obtaining a license or permit through deception or through inaccurate or misleading information.
- O. An alternative to the submitted application which would cause less or no environmental impact to wetlands or watercourses and why the alternative as set forth in the submitted application was chosen; all such alternatives shall be diagramed on a site plan or drawing.
- P. The calculated (1) total area (square feet) of wetlands and watercourses on the subject property and (2) total area (square feet) of regulated area that would be potentially disturbed by the proposed regulated activities.
- Q. Authorization for the members and designated agent(s) of the Agency to inspect the subject land, at reasonable times, during the pendency of an application and for the life of the license or permit.
- R. A completed CT DEP reporting form (such form and instructions provided with these forms) whereby the Agency or its designated agent shall revise or correct the information provided by the applicant and submit the form to the Commissioner of Environmental Protection in accordance with Section 22a-39-14 of the Regulations of Connecticut State Agencies.
- S. Submission of the appropriate filing fee based on the fee schedule established in Section 15-22 of Town Code of Ordinances (fee schedule attached).
- T. The applicant shall certify whether:
 - a. any portion of the property on which the regulated activity is proposed is located within 500 feet of the boundary of an adjoining municipality;
 - b. traffic attributable to the completed project on the site will use streets within the adjoining municipality to enter or exit the site;
 - c. sewer or water drainage from the project site will flow through and impact the sewage or drainage system within the adjoining municipality; or

- d. water runoff from the improved site will impact streets or any other property within the adjoining municipality.
- U. If the Agency deems that a peer review of any information submitted by the applicant is warranted, the applicant will be required to pay the cost of that peer review prior to a final decision. Pursuant to Section 22a-22a(e) of the Connecticut General Statutes, the Agency may require a filing fee to be deposited with the Agency in an amount sufficient to cover the reasonable cost of reviewing and acting upon the application including, but not limited to, the cost of peer reviews of information submitted by the applicant.
- V. Any other information the Agency deems necessary to understand exactly what the applicant is proposing.

FEE SCHEDULE
for Applications pursuant to the
Inland Wetlands and Watercourses Regulations

Fee Schedule. Application fees shall be based on the following:

- a) Permitted Uses as of Right and Nonregulated Uses (Section 4 of the Regulations) shall be at NO CHARGE.
- b) Regulated Uses and Activities (Section 6 of the Regulations). The total fee shall be the cumulative amount of the following factors, when applicable:
 1. the total wetlands and/or watercourses area (in square feet) on the subject property multiplied by the rate of \$1.00 per 1,000 square feet; plus
 2. the total regulated area (in square feet) to be disturbed by regulated activities multiplied by the rate of \$10.00 per 1,000 square feet; plus
 3. \$400.00 if the proposed activity is declared a significant activity by the Agency.
- c) Map Amendment Petitions (Section 14.3 of the Regulations) shall be \$200.00.
- d) Renewals or Extensions of the Expiration Date to a previously issued permit (Sections 7.10 and 11.7 of the Regulations) shall be \$100.00.
- e) Amendment of a Previous Approval (Section 7.10 of the Regulations) that is not deemed a significant activity shall be the prescribed amount as determined in b.2 above.
- f) Transfer or assignment of a previously issued permit (Section 11.8 of the Regulations) shall be \$25.00.
- g) Exemption. Boards, commissions, councils and departments of the Town of Glastonbury are exempt from all fee requirements.
- h) Waiver. The applicant may petition the Agency to waiver, reduce or allow delayed payment of the fee required. Such petitions shall be in writing and shall state fully the facts and circumstances the Agency should consider in its determination under this section. The Agency may waive all or part of the application fee if the Agency determines that:
 1. the activity applied for would clearly result in a substantial public benefit to the environment or to the public health and safety and the applicant would reasonably be deterred from initiating the activity solely or primarily as a result of the amount of the application fee; or
 2. the amount of the application fee is clearly excessive in relation to the cost to the Town for reviewing and processing the application.

The Agency shall state upon its record the basis for all actions pertaining to a request for a waiver.

TOM MOCKO, ENVIRONMENTAL PLANNER 06-23-89

TOWN OF GLASTONBURY - OFFICE OF COMMUNITY DEVELOPMENT
STATE OF CONNECTICUT SIXTY DOLLAR (\$60.00) ADDITIONAL FEE REQUIRED

In accordance with Public Act 09-03 the State of Connecticut requires that any person, firm or corporation making application for approval of land use applications pay a sixty dollar (\$60.00) fee, in addition to any other fee which is required for application.

The following applications require submission of fee:

- Special Permits
- Subdivision and Resubdivision
- Change of Zone
- Planned Area Development Final Development Plan
- Inland Wetlands and Watercourses Permit
- Special Exceptions and Variances

Such fee shall be collected by the Town. Of the sixty dollars (\$60.00 collected; two dollars (\$2.00) shall be retained by the Town to cover administrative costs; and fifty-eight dollars (\$58.00) shall be deposited in the "Environmental Quality Fund established pursuant to Section 22a-27g" of the Connecticut General Statutes.

Please provide the following information and submit this form and the sixty dollar (\$60.00) fee to the Office of Community Development and/or Building Department upon submission of each application.

Please provide the following information and submit this form and the sixty dollar (\$60.00) fee to the Office of Community Development and/or Building Department upon submission of each application.

Name of Applicant James D. Jusko

Address 150 Chatham Hill Road

Name of Project Stream Channel Construction & Culvert pipe(s) Removal

Address 150 Chatham Hill Road

Type of Application: Inland Wetlands and Watercourses Permit

Special Permit Section Number	_____
Subdivision and Resubdivision	_____
Change of Zone	_____
Planned Area Development	_____
Final Development Plan and/or Zone Change	_____
Inland Wetlands and Watercourses Permit	_____
Special Exceptions and Variances	\$164.00 _____

Date Fee Received _____ By _____

Project Number _____

Statewide Inland Wetlands & Watercourses Activity Reporting Form

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

DEEP Land & Water Resources Division, Inland Wetlands Management Program, 79 Elm Street, 3rd 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, only use one code): _____
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 ACTION IS OCCURRING (print name): Town of Glastonbury
does this project cross municipal boundaries (check one)? yes no
if yes, list the other town(s) in which the action is occurring (print name(s)): _____
6. LOCATION (see instructions for information): USGS quad name: Glastonbury or number: _____
subregional drainage basin number: 4009
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): James D. Jusko
8. NAME & ADDRESS / LOCATION OF PROJECT SITE (print information): 150 Chatham Hill Road, Glastonbury, CT
briefly describe the action/project/activity (check and print information): temporary permanent description: _____
Construction of stream channel in a wetland.
9. ACTIVITY PURPOSE CODE (see instructions, only use one code): G
10. ACTIVITY TYPE CODE(S) (see instructions for codes): 2, 4, 10, _____
11. WETLAND / WATERCOURSE AREA ALTERED (must provide acres or linear feet):
wetlands: 0.12 acres open water body: _____ acres stream: _____ linear feet
12. UPLAND AREA ALTERED (must provide acres): 0.00 acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): _____ acres

DATE RECEIVED:

PART III: To Be Completed By The DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO

C. Webb & Associates, LLC
Environmental Consulting Services

July 6, 2021

Attn: Tom Mocko
Environmental Planner
Community Development –
Planning & Environmental
Town of Glastonbury
2155 Main Street
Glastonbury, CT 06033

RE: Proposed Construction of a Stream Channel in a Forested Wetland to Connect the Proposed Irrigation Pond to the Existing Channel at 150 Chatham Hill Road.

Dear Mr. Mocko:

The following narrative describes all the activities associated with the proposed stream channel and the removal of two existing culvert pipes on the subject site.

Proposed Project Description

The proposed project includes the construction of a manmade stone lined stream channel from the pond outlet to an existing stream channel located at the southeast corner of the Donnelly property. The existing stream between the southeast corner of the Donnelly and the two existing culvert pipes was reconstructed last fall and this area is included in this application. Also included in the proposed activity is the removal of these two culverts and the restoration of this portion of the stream channel. Flows from this stream channel flow into a culvert under Matson Hill Road. Attached to this application is a hydrologic and hydraulic analysis that was prepared to properly size the stone channel at the outlet of the proposed pond and to insure that there would be no impact to the capacity of the existing culvert under Matson Hill Road. These proposed activities are presented on the attached site plan.

The proposed channel from the pond to the existing channel will be constructed with a two (2) foot wide natural stone bottom, approximately one & half (1.5) feet deep with 3 to 1 seeded side slopes (see cross-section on site plan).

The removal of the 2 culverts, the new channel construction and the previously installed existing channel will have a total 5,020 sf of direct wetland impact. However, while the impacts associated with the proposed project represent direct wetland impacts, the wetland resource is not removed from the site's environment but rather being converted to a watercourse wetland resource.

Proposed erosion and sedimentation controls and other BMP measures are identified on the site plan. In addition, we have included on sheet 2 of the site plan the lists of recommended shrub and herbaceous plants for the proposed restoration of the disturbed wetland areas on the subject site as a means of formalizing this plan. Also shown on plan is the proposed shrub and seeding layout locations.

Section T Certifications:

- a. No portion of this property is located within 500 feet of an adjoining municipality.
- b. No traffic to this project will use an adjoining municipality to enter or exit the site.
- c. No sewage or water drainage from the project site will flow through or impact an adjoining municipality.
- d. No water runoff from the project site will impact streets or other property within an adjoining municipality.

Please feel free to contact me at (860) 680-5598 with any questions or comments.

Regards,



Clinton L. Webb, Jr.
Senior Environmental Planner
C. Webb & Associates, LLC



NEW ENGLAND ENVIRONMENTAL SERVICES
Wetland Consulting Specialists Since 1983

May 27, 2021

Mr. Todd Clark, L.S.
Clark Land Surveying, LLC
126 Tunxis Road
Bristol, CT 06010

Re: 532 Matson Hill Road
Glastonbury, Connecticut

Dear Mr. Clark:

I delineated the wetland boundary at 532 Matson Hill Road in the Town of Glastonbury on March 11, 2020. The majority of the wetlands were forested except the lawn wetland area near the house and the pond.

I reviewed the site on May 18, 2021. The forested wetlands were cleared and the wetlands were seeded with Winter Rye. The following herbaceous plant species were growing in the wetlands:

1. New York Fern
2. Cinnamon Fern
3. Marsh Fern
4. Sensitive Fern
5. Christmas Fern
6. Jewelweed
7. Jack-in-the Pulpit
8. Skunk Cabbage

Several Witch Hazel and Spicebush shrubs remain in the wetland. Stones were placed in the intermittent watercourse along the northern property line.

If you have any questions, feel free to contact me.

Respectively Submitted,
New England Environmental Services

R. Richard Snarski
Registered Professional Soil Scientist
Professional Wetlands Scientist #1391
Consulting Botanist

RRS/srh