

Property within 500' of adjoining Town boundary? _____
If so, which town(s)? _____
Date the notice was sent by KIWWC to town clerk of adjoining municipality(ies) _____
Receipt date of copy of Applicants notice to adjoining municipality _____

Application #: 23-1580
Date Submitted: 11-29-23
Date of Receipt by Comm.: _____
Fee: exempt Town Project.
Staff Initials: _____

KILLINGLY INLAND WETLANDS & WATERCOURSES COMMISSION APPLICATION

A \$100.00 base fee (or, for a proposed subdivision, \$100.00 per lot, whichever is greater) **plus \$60.00** state fee must accompany each application (**Total fee: \$160.00**). **THIS FEE IS NON-REFUNDABLE.** Checks or money orders should be made payable to the **Town of Killingly**. **Public hearing fee: \$225.00** required in addition to the above fees if a public hearing is required by the commission(s) and not already included.

TO BE COMPLETED BY THE APPLICANT - PLEASE PRINT

Applicant's Name: Town of Killingly
Day Phone #: 860-779-5368 Evening Phone #: _____
Mailing Address: 172 Main St Danielson CT 06239.
Owner of Record: Town of Killingly
Mailing Address: 172 Main St Danielson CT 06239 Phone #: 860-779-5360

Applicant's interest in the land if the applicant is not the property owner: _____
Authorization of property owner: _____

LOCATION OF PROPERTY:

House # and Street: 100 Beatrice Avenue
Tax Map Number: 262 Block: 15 Lot: 1
Zoning District: RD Lot Size: 20 Ac. Lot Frontage: _____
Easements and/or deed restrictions: _____

PURPOSE:

Provide the purpose and description of the proposed activity, including a list of all proposed regulated activities:
The construction of a 2000 L.F. ± paved multi-use trail along the Quinebaug River. This section of the trail will begin at the existing terminus of the paved river trail near Gloria Avenue, and will terminate before the crossing of Quandock Brook.

ON-SITE WETLANDS AND WATERCOURSES:

Windham County wetland soil types and areas of each type: Alluvial & Floodplain soils

Watercourse(s) – type (pond, stream, marsh, bog, drainage ditch, etc.), manmade or natural, and area of each:

Impoundment of Quandock Brook & The Quinebaug River

ALTERNATIVES:

List alternatives considered by the applicant and state why the proposal to alter wetlands as set forth in the application is necessary and was chosen:

Extention of the existing river trail has been in the planning stages for a number of years & is essential for the continuation of the East Coast Greenway.

MATERIALS:

Provide the volume (cubic yard) and nature of materials to be deposited and/or extracted:

The trail was designed to follow existing grade as much as possible in order to meet the FMC General Permit requirement of 46" fill over existing grade. Cut within floodway = 293.33cy, fill within floodway = 26.90cy
Net CUT of 266.43cy.

MITIGATIVE MEASURES:

List measures to be taken to minimize or avoid any adverse impact on the regulated area:

There will be no storage or stockpiling of materials within the floodplain or regulated floodway of the Quinebaug River. Silt fence & hay bale barrier E&S controls will be installed as shown on Plans.

BIOLOGICAL EVALUATION:

Describe the ecological communities and functions of the wetlands or watercourses involved with the application and the effects of the proposed regulated activities on these communities and wetland functions:

The trail will follow a former Trolley bed & no grading or earthwork is proposed within wetlands

SITE PLAN*:

Scale 1"=40' showing existing and proposed conditions in relation to wetlands and water courses to include, but not be limited to:

- Contours
- Buildings
- Wells
- Driveways
- Septic Systems
- Drainage Systems (Including Culverts, Footing and Curtain Drains)
- Erosion and Sedimentation controls
- Wetlands
- Watercourses
- Areas of Excavation and /or Material Deposit

**Refer to Section 6.0 – Application Information Requirements and Section 7.0 – Application Evaluation Criteria of the Killingly Inland Wetlands & Watercourses Commission Regulations for information the Commission may require. Professionally prepared plans (Licensed Land Surveyor/Professional Engineer registered in the State of Connecticut, Soil Scientist) may be required for significant activities.*

ADDITIONAL INFORMATION:

List additional information submitted by the applicant:

Flood Management General Certification - CT DOT

The applicant understands that this application is to be considered complete only when all information and documents required by the Commission have been submitted. The undersigned warrants the truth of all statements contained herein and in all supporting documents according to the best of his/her knowledge and belief. Permission is granted to the Town of Killingly, Killingly Inland Wetlands & Watercourses Commission, and its agent (s) to walk the land, at reasonable times, and perform those tests necessary to properly review the application, both before and after a final decision has been issued.

Applicant's Signature: *Alie Litcher* Date: *11/29/23*

Owner of Record: *Town of Killingly* Date: *11/29/23*

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

FLOOD MANAGEMENT GENERAL CERTIFICATION

Project No.: 0170-3514PE [CCGP ID# C068-0101]
Description: Quinebaug River Multiuse Path – Phase V

Town: Killingly, CT
Date: 9/19/2023

m e m o r a n d u m

to: Michael E. Hogan
Trans. Principal Engineer
Hydraulics and Drainage
Bureau of Engineering and Construction

from: Craig Babowicz
Transportation Supervising Planner
Project Coordination Unit
Bureau of Policy & Planning

Digitally signed by Craig Babowicz
Reason: I have reviewed this document
Date: 2023.09.20 14:47:23-04'00'

Please review this request for Flood Management General Certification (FMGC) and indicate your concurrence below.

Certification (to be completed by designer and/or requesting office)

I have read the Flood Management General Certification and the descriptions for the approved DOT minor activities. This project qualifies for the Flood Management General Certification under the following Category(ies):

- | | |
|---|---|
| <input checked="" type="checkbox"/> 1. Minor Safety Improvements, Streetscape, and Transportation Facility & Enhancement Projects | <input type="checkbox"/> 7. Guide Rail Installation |
| <input type="checkbox"/> 2. Roadway Repair, Repaving, Maintenance and Underground Utilities | <input type="checkbox"/> 8. Bridge Deck and Superstructure Replacements |
| <input type="checkbox"/> 3. Minor Stormwater Drainage Improvements | <input type="checkbox"/> 9. Minor Culvert and Bridge Repairs |
| <input type="checkbox"/> 4. Removal of Sediment or Debris from a Floodplain | <input type="checkbox"/> 10. Fisheries Enhancements |
| <input type="checkbox"/> 5. Wetland Restoration, Creation, or Enhancement | <input type="checkbox"/> 11. Surveying and Testing |
| <input type="checkbox"/> 6. Scour Repairs at Structures; <i>(Must acquire DEEP Fisheries Concurrence to be eligible)</i> | <input checked="" type="checkbox"/> 12. Bicycle / Pedestrian, Multi Use Trails and Enhancement Projects |
| | <input type="checkbox"/> 13. Transfer of State Real Property |
| | <input type="checkbox"/> 14. Waste Stockpile Areas within the 500-Yr Floodplain |

The following required documentation is attached in support of this certification for Categories 1-12, 14:

- Project description
- Location plan
- Description of Floodplain involvement and how project qualifies for general certification
- 8-1/2" by 11" excerpt copy of the FEMA Flood Insurance Rate Map (FIRM) and Floodway Boundary Map (if applicable)
- Design plans, (dated August 2023) with FEMA floodplain and floodway boundaries plotted, cross sections and profiles, as necessary, that clearly depict the floodplain involvement
- For WSAs, design plans with the FEMA 500-year floodplain boundary also plotted
- FEMA 100-year flood elevation plotted on elevation view (for structures)

The following required documentation is attached in support of this certification for Category 13:

- 8-1/2" by 11" excerpt copy of the FEMA Flood Insurance Rate Map (FIRM)
- A draft copy of the release map and/or property title with language, if available, restricting development within the floodplain.
- Name/Signature (below) not required for requests from the Property Management Section, Division of Rights of Way.

Print Name Chris Faulkner, P.E

Title Senior Project Engineer

Signature *Chris Faulkner*

Date 9/11/2023

Concurrence (to be completed by Hydraulics and Drainage)

Categories 1-12, 14 - Based on the documentation submitted, I hereby concur that the project qualifies for the FMGC.

Category 13 - Based on the documentation submitted, I hereby concur that the Transfer of State Real Property qualifies for the FMGC subject to satisfying the requirements listed in Attachment A.

If there are any changes to the proposed activities within the floodplain or floodway, the project must be re-submitted for review and approval.

Signature

Michael E. Hogan

Digitally signed by Michael E. Hogan, P.E.
Date: 2023.09.25 18:00:39-04'00'

Date

cc: Bartholomew P. Sweeney - Michael E. Hogan - Dominic Antonio - Allan Dodge
Kevin F. Carifa - David Elder - Craig Babowicz
Amanda Saul
Jeff Caiola (CTDEEP) - w/o attachments

FLOOD MANAGEMENT GENERAL CERTIFICATION

Quinebaug River Trail Multiuse Path – Phase V

Town of Killingly

Project Description

This trail segment is part of the larger Quinebaug River Trail which begins near the junction of Route 12 and Route 6 in Killingly and extends south to Gloria Avenue. The proposed project will extend the trail further south for approximately 2,500 feet to Quandock Brook. Future projects will extend the trail further to the south, crossing Quandock Brook and into Plainfield, eventually connecting to the Airline Trail and the Moosup Valley Trail.

The trail will be constructed along what was once a trolley line and is currently a well-used walking path through a wooded area on the east side of the Quinebaug River.

The Quinebaug River Multiuse Trail will consist of constructing a 10' wide bituminous concrete multi-use trail, and fencing as required, for fall protection. The project will also include trail amenities such as trash cans, bicycle parking, benches and a trail kiosk at the trail head near Gloria Avenue.

Description of Floodway and Flood plain Involvement

The majority of the project falls within the floodway and the flood plain associated with the Quinebaug River as shown on the FEMA Flood Insurance Rate Map 0915C0243F and 09015C0243F.

Quinebaug River:

The proposed trail is within the floodway and flood plain beginning at Sta. 10+00 and continuing to Sta. 32+50. However, beyond Sta. 25+00, the proposed elevation of the trail is above the floodway and flood plain elevation and beyond Sta. 32+25 the proposed trail is outside the floodway and flood plain boundary; and thus will not impact the floodway and flood plain.

The vertical and horizontal alignment of the trail has been designed to follow the existing ground as much as possible while still meeting design criteria for the design of an off-road bicycle facility and not exceeding the six-inch maximum elevation over existing ground requirement of the FMC-General Permit.

The total amount of cut within the floodway and flood plain between Sta. 10+00 and 25+00 is 293.33 CY and the total amount of fill is 26.90 CY, a net cut of approximately 266.43 CY.

Proper sedimentation and erosion control measures will be provided along with Best Management Practices consistent with the *2002 Connecticut Guidelines for Soil Erosion and Sedimentation Control*, and Section 1.10 of the *State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges and Incidental Construction, Form 818*, as revised.

This project consists of the construction of a multi-use trail. Accordingly, the project qualifies for a general certification by the Connecticut Department of Transportation Flood Management General Certification for Minor Activities, FM-202123633-FM, Under Category 12 – Bicycle/Pedestrian, Multi Use Trails and Enhancement Projects. The project also meets the floodway requirements under Category 1 – Minor Safety Improvements, Streetscape, and Transportation Facility and Enhancement Projects by limiting fill within the floodway to six-inches maximum over the existing ground, not reducing the hydraulic conveyance of the floodway, and the proposed fencing being placed is parallel to the flow of the Quinebaug River. Additionally, the trail amenities being planned for the trail head near Gloria Avenue are located outside the floodway and flood plain.

Quinebaug River Trail Multi-Use Path Phase V | Town of Killingly



Project Location

