



### WP-25-2

Wetlands Permitting

Status: Active

Submitted On: 1/15/2025

### Primary Location

0

### Owner

No owner information

### Applicant

James Drumm

jdrumm@coventry-ct.gov

Applicant/Owner Information: Please note that "?" bubbles throughout the application provide additional helpful information when hovered over.

### Applicant Information

Applicant's Association to Owner:\*

Engineer

Applicant Business Name (if applicable)

Town Engineer

### Owner Information

Owner Name

Town of Coventry - James Drumm Town Manager

Owner Phone Number

860-742-6324

Owner Email Address

jdrumm@coventry-ct.gov

Owner Address

1712 Main Street, Cov

### Additional Information

**Additional Agent, Engineer, Contractor Information (if applicable):**

Town Engineer: Todd M. Penney, P.E. - tpenney@coventry-ct.gov - 860-742-4078  
Town's Consultant Engineer of Record - VHB, Inc  
Project Manager: Bill Anderson = banderson@vhb.com  
Project Engineer: Eric Nigosanti - enigosanti@vhb.com

## Wetlands Permitting

**Type of Wetlands Application:\***

**Regulated Activity Being Applied For: \***

Regulated Activity Application

Activity Within a Wetlands Upland Review Area

## Activity/Project Information

**Description of Proposed Activity(s):\* ?**

Capital Roadway Improvement project for the Swamp Road and South Street Areas. Project received 100% construction funds for the project under CRCOG's Local Transportation Improvement Program. Goals of the project is to improve vertical and horizontal alignments throughout the corridor, improve sight lines, and improve stormwater collection system.

**Distance in Feet from Regulated Wetlands/Watercourse:\***

**Square feet of Wetlands, Watercourse and/or Regulated Area Impacted:**

2

1. Area at Swamp Road Improvements = 2,350SF  
2. Area at South Street Improvements = 2,065SF

**Describe measures (if any) that will be taken to minimize the impact on wetlands, watercourses, and the regulated areas:**

Implement recommended erosion and sediment control features throughout the project to eliminate sediment discharge to the wetlands and watercourses.

**Any additional and/or pertinent information:**

Wetlands were field delineated by professional soil scientist on staff at VHB, inc.

**Is any portion of the property on which the regulated activity is proposed located within 500 feet of an adjoining municipality?\***

Yes

If the answer is YES, you must send notice of the application by certified mail, return receipt requested, on the same day as filed, to the inland wetlands agency of the adjoining municipality. Documentation of such notice shall be provided to the Coventry Inland Wetlands Agency.

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## Certification By Applicant - IF Activity is within 500 feet of adjoining municipality

**Will any traffic attributable to the completed project on the site use streets within the adjoining municipality to enter or exit the site?**

Yes

**Will sewer or water drainage from the project site flow through and impact the sewage or drainage system within the adjoining municipality?**

No

Will water run-off from the improved site impact streets or other municipal or private property within the adjoining municipality?

No

Is any portion of the inland wetland or watercourse on which a regulated activity proposed within the mapped watershed boundary of a water company as defined by Section 16-1 of the Connecticut General Statutes?

No

## Acknowledgments

**MANDATORY PRE APPLICATION FOR ALL LAND USE, HEALTH, AND BUILDING APPLICATIONS** Except for interior work in existing buildings and exterior work that does not expand or alter the footprint of an existing building. Effective October 1, 2005 no Land Use, Health or Building application for a permit may be filed until the holder(s) of any conservation restriction or preservation restriction on the subject property has been notified. Please see the attached legislation, PA 05-124. Please provide the name of the property owner(s) and street address of the property for which one of the above applications will be submitted and complete either A or B below.

Property Owner(s): Address of Permit Application: A. I hereby certify there are NO conservation easements or restrictions nor any preservation restrictions on the above referenced property. B. There ARE conservation easements or restrictions or preservation restrictions on the above referenced property. Name/Phone Number of Restriction Holder: Please attach one of the following: 1. Proof that the holder of the conservation or preservation restriction was notified by certified mail return receipt requested of the property owner's intent to apply for a Land Use, Health or Building permit in the [[orgFullName]]. 2. A letter from the conservation or preservation restriction holder verifying that the application is in compliance with the terms of the restriction.\*



I HEREBY ACKNOWLEDGE AND CERTIFY THAT I'M PERSONALLY FAMILIAR WITH ALL THE INFORMATION PROVIDED IN THIS APPLICATION AND THAT ALL STATEMENTS AND REPRESENTATIONS MADE ARE TRUE TO THE BEST OF MY KNOWLEDGE. I FURTHER CERTIFY THAT I AM AWARE OF THE PENALTIES FOR OBTAINING A PERMIT THROUGH DECEPTION OR THROUGH INACCURATE OR MISLEADING INFORMATION.\*



The undersigned electronic signature hereby grants permission to this Agency and its Agent to conduct any necessary inspections of this property, at reasonable times, both before and after the permit in question has been granted by the Agency/Agent.\*



I agree that my electronic signature below warrants the truth of all statements contained herein and in all supporting documents according to the best of the Agent &/or Owner(s) knowledge and belief, and that it is equivalent to a handwritten signature and is binding for all purposes related to this transaction.\*

 Todd M. Penney  
Jan 15, 2025



AVON ▪ BLOOMFIELD ▪ BOLTON ▪ BRISTOL ▪ BURLINGTON ▪ CANTON ▪ COVENTRY ▪ EAST GRANBY ▪ EAST WINDSOR ▪ EAST HARTFORD ▪ ELLINGTON  
 ENFIELD ▪ FARMINGTON ▪ GLASTONBURY ▪ GRANBY ▪ HARTFORD ▪ MANCHESTER ▪ PLAINVILLE ▪ SIMSBURY ▪ SOMERS ▪ SOUTH WINDSOR  
 STAFFORD ▪ SUFFIELD ▪ WEST HARTFORD ▪ WETHERSFIELD ▪ TOLLAND ▪ VERNON ▪ WILLINGTON ▪ WINDSOR ▪ WINDSOR LOCKS

Date: March 20, 2025  
 To: Lindsay Beutler, Town of Coventry Wetland Agent  
 From: Alyssa Barroso, Natural Resource Specialist, Reviewer  
 Joanna Shapiro, Executive Director, Editor  
 Re: Road Improvements, Swamp Road and South Street, Coventry, CT

This letter is limited to a review of the plans, wetland application, and related materials for the improvement of Swamp Road and South Street.

**Introduction & Background**

District staff inspected the site on March 4<sup>th</sup>, 2025, accompanied by Town of Coventry Wetland Agent Lindsay Beutler, Town Engineer Todd Penney, and Engineering Technician Mark St. Germain. Two representatives from VHB also attended the site walk. District staff also reviewed the plans prepared by VHB, titled "Swamp Road and South Street Improvement Project", dated November 2024, in addition to current and historical aerial, topographic, soils, and other related maps of the site.

The proposed work includes improving sight lines, and vertical and horizontal alignments throughout the corridor, and enhancing the drainage and stormwater collection systems. Only a small portion of the project area is within the Upland Review Area (URA) and no permanent work is planned to take place within the wetlands. A temporary line of silt fence is shown to be slightly within the wetlands on sheet PLN-04. Wetland impacts are expected to be minimal.

**Soils** - Based on the Natural Resources Conservation Service Web Soil Survey, the Swamp Road section of the project is mainly made up of:

| Soil Map Unit Name                      | Slope (%) | Drainage Class       | Erosion Hazard | Amount of Project Area (%) | Notes           |
|---|-----------|----------------------|----------------|----------------------------|-----------------|
| Sutton fine sandy loam                  | 0 to 8    | Moderately well      | Slight         | ~40                        | Very stony      |
| Charlton-Chatfield complex              | 0 to 15   | Well                 | Moderate       | ~30                        | Very rocky      |
| Ridgebury, Leicester, and Whitman soils | 0 to 8    | Poorly - Very poorly | Slight         | ~10                        | Extremely stony |

The South Street section of the project is mainly made up of:

| Soil Map Unit Name                   | Slope (%) | Drainage Class | Erosion Hazard | Amount of Project Area (%) | Notes      |
|--------------------------------------|-----------|----------------|----------------|----------------------------|------------|
| Hinckley loamy sand                  | 3 to 15   | Excessively    | Moderate       | ~45                        | None       |
| Canton and Charlton fine sandy loams | 3 to 8    | Well drained   | Moderate       | ~30                        | None       |
| Canton and Charlton fine sandy loams | 8 to 15   | Well drained   | Moderate       | ~15                        | Very stony |

## Observations & Recommendations

The work proposed on Swamp Road will consist of regrading the road to improve sight lines and installing catch basins which will discharge to a level spreader located in a wooded area within the 75' Upland Review Area.

The work proposed on South Street will consist of the installation of several catch basins, the regrading of roadside slopes, and the installation of a level spreader.

- Vegetating immediately downgradient of the level spreaders on both South Street and Swamp Road with native plants will help retain water and filter out pollutants before entering wetlands.

Also proposed on the South Street section is the clearing and regrading of a swale on farm property on the southern side of the road.

- Planting the swale with native herbaceous vegetation other than turf grass will minimize erosion of the channel, even in large storm events, while encouraging percolation, filtration, and cooling.
- During the site walk on March 4<sup>th</sup>, it was noted that due to the steep slope at the end of the swale entering the Hop River, a rip-rap pad would potentially be installed at the discharge point from the swale to the river, with associated regrading. The area appeared stable as-is, though with increased flow, more reinforcement may be necessary (see next point). No sediment transfer was noted in the Hop River from this discharge area, and natural stone is already present. Fully rip-rapping this slope may decrease water quality by heating up water directly entering the river. If this area requires disturbance, the District recommends using native herbaceous vegetation, or a combination of stone and vegetation, instead of only rip-rap. This will help maintain the water quality and temperature, especially for runoff directly entering this important river.
- If increased flow requires the swale and/or outlet to be further reinforced, the District recommends installing rip-rap check dams periodically to slow water velocity, along with the planting mentioned in the first point in this section.

The Plan indicates that the project will include the installation of several traditional catch basins. Because the water will be captured from the road surface, there is a chance of contamination of hydrocarbon-containing automotive fluids from accidents or leaking vehicles and chlorides from road salt application.

- Due to the risk of contaminated stormwater runoff directly entering the wetland with no treatment, the District suggests the use of deep sump and/or hooded catch basins to reduce the risk of pollutants entering the wetland.
- Consider establishing a reduced salt application zone for the area that will drain to the level spreader, and subsequently to the wetland, to minimize salinization of nearby soil and water.

During the site walk on March 4<sup>th</sup>, District staff noted the presence of invasive plant species in both project sections.

- The district recommends managing these invasive species to allow for native plants to flourish and prevent them from being outcompeted.

## Conclusion

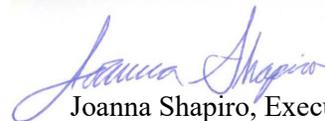
Based on the District's assessment of the site and review of project plans, incorporation of the bulleted recommendations above will reduce impacts to both on and off-site wetland and watercourse resources.

Thank you for the opportunity to comment.

Sincerely,



Alyssa Barroso, Natural Resource Specialist, Reviewer



Joanna Shapiro, Executive Director, Editor