



Connecticut Department of Energy and Environmental Protection License*

Section 401 Water Quality Certification

Licensee(s): Collinsville Redevelopment
Company LLC

Licensee Address(s): Collinsville CT 06022

License Number(s): 202603582-WQC

Municipality: Collinsville

Project Description: Dam Improvements

Project Address/Location: 10 Depot Street

Waters: Canal off of the Farmington River

**Authorizing CT Statute(s)
and/or Federal Law:** Section 401 CWA (33 USC 1341)

**Applicable Regulations of
CT State Agencies:** 22a-426-1 to 9

Agency Contact: Land & Water Resources Division,
Bureau of Water Protection & Land Reuse, 860-424-3019

License Expiration: Five (5) years from the date of issuance of this license.

*Connecticut's Uniform Administrative Procedure Act defines License to include, "the whole or part of any agency permit, certificate, approval, registration, charter or similar form of permission required by law . . ."

Project Site Plan Set: Nine plan sheets (00, ST-00, ST-1, ST-2, ST-3, WR-1, DET-1, DET-2, and DET-3) with project titled *Collinsville Company Forebay Dam*, dated July 23, 2024 and revised through February 26, 2026, and prepared by Haley Ward;

five plan sheets (S1.0, S1.1, S1.2, S1.3, and S1.4) with project titled *Collinsville Company Forebay Dam Repair Project*, dated July 11, 2025 and prepared by Macchi Engineers;

a *Property and Topographic Survey* (sheet 1 of 3) dated October 27, 2023, and revised through April 18, 2024, and prepared by Godfrey Hoffman Hodge LLC; and,

seven sheets prepared by LADA, P.C., Ian T. Cole LLC, Tetra Tech, Godfrey Hoffman Hodge LLC, Haley Ward, All Habitat Services LLC, Macchi Engineers LLC, and Heritage Consultants as follows:

- DS-1 titled *Components of Dam Safety Application* dated February 8, 2024 and revised through July 11, 2025;
- three invasive species plan sheets (L-6, L-6.1 and L6.2) dated September 25, 2024; and,
- three planting sheets (L-7.1, L-7.2, and L-7.3) dated September 25, 2024 revised through December 2, 2025.

License Enclosures: LWRD General Conditions; Site Plan Set; LWRD Compliance Certification Form; LWRD Work Commencement Form

Authorized Activities:

The Licensee is hereby authorized to conduct the following work as described in application # 202603582-WQC and as depicted on any site plan sheets / sets cited herein:

1. Install sedimentation and erosion controls such as silt fence as shown on sheet ST-00,
2. Set up water handling and conduct drawdown as shown on sheets ST-1, ST-2 and ST-3,
3. Install temporary access,
4. Install new eel pass,
5. Reconstruct valve and platform,
6. Demolish top of wall and install new weir,
7. Repair walls,
8. Replace bridge,
9. Install new pipe arch culvert,
10. Remove failed wall from channel and regrade,
11. Install new gate valves and end walls,

12. Remove and replace damaged channel walls,
13. Fill existing pipe and culvert with fill,
14. Remove invasive species,
15. Grade and plant native species,
16. Cease drawdown and reinstate water flow,
17. Grade and reseed any remaining disturbed areas, and
18. Remove sedimentation and erosion controls.

Failure to comply with the terms and conditions of this license shall subject the Licensee and / or the Licensee's contractor(s) to enforcement actions and penalties as provided by law.

This license is subject to the following Terms and Conditions:

1. **License Enclosure(s) and Conditions.** The Licensee shall comply with all applicable terms and conditions as may be stipulated within the License Enclosure(s) listed above.
2. **Discharge of Concrete.** The permittee shall install barriers where needed to prevent fresh concrete, concrete leachate, and debris from construction or repairs from entering the watercourse. All activities shall conform and be at all times consistent with applicable water quality standards and management practices of the Federal Clean Water Act (1972), Connecticut's water quality standards and other applicable state laws.
3. **Fisheries Division Coordination.** The permittee shall contact Shalyn Zappulla of the DEEP Fisheries Division at (959) 710-6278 or shalyn.zappulla@ct.gov at least 2 weeks prior to dewatering the canal, forebay, and tailraces so DEEP Fisheries can be on site to rescue fish.
4. **Eel Passage.** The permittee shall install eel passage on the dam as shown on the plan sheet DS-1 dated February 8, 2024 and revised through July 11, 2025 and prepared by LADA, P.C. and detailed on sheet S1.1 dated July 11, 2025 and prepared by Macchi Engineers.
5. **Invasive Species Removal and Planting Plan.** The permittee shall follow the Invasive Species Removal Plan and Planting Plan as shown on the plan sheets L-6 and L-6.1 dated September 25, 2024, and sheets L-6.2, L-7.1, L-7.2, and L-7.3 dated September 25, 2024 and revised through December 5, 2025.
6. **Invasives Species Control.** The permittee shall follow the guidelines outlined on the following website Clean Drain and Dry is an initiative taken by the state of Connecticut (www.connecticutboatingcertificates.com/clean-drain-and-dry/) to reduce the spread of invasive species during construction.
7. **Protection of Wood Turtle, *Glyptemys insculpta*.** The permittee shall follow the following protection strategies for the Wood turtle:
 - a. A qualified herpetologist/biologist shall be hired to oversee the implementation of the exclusion fencing placement, initial sweep of the site, and training of construction personnel. The name and contact information for the

herpetologist/biologist shall be provided to the DEEP at DEEP.LWRDRegulatory@ct.gov and DEEP.Nddbrequest@ct.gov no less than 7 days prior to the start of construction,

- b. Prior to the start of construction, exclusion fencing shall be installed around the limits of the work area to prevent turtle access to the work area or be specifically designated by a qualified herpetologist. The exclusion fencing must be at least 20 inches tall and must be secured to and remain in contact with the ground. Silt fencing installed for erosion control may serve this like purpose. **The work area includes all areas used for site access, equipment parking, material staging, material storage, and construction purposes,**
- c. The exclusion fencing shall be inspected each day prior to the start of work activities. Any gap or breach in the exclusionary fencing shall be fixed or repaired immediately,
- d. All construction personnel and work crews shall be apprised of the species descriptions and possible presence,
- e. The contractor shall search for turtles within the work area each workday prior to the start of any work activities,
- f. Any turtles that are encountered within the limits of the work area shall be carefully moved, unharmed, to an area immediately outside of the fenced work area and shall be released oriented to head in the same direction as it was found,
- g. Any confirmed encounters with Wood turtle, shall be reported and documented with the NDDB at deep.nddbrequest@ct.gov using the special animal form found at [Contribute Data to the NDDB \(ct.gov\)](#),
- h. All exclusion fencing shall be removed immediately after completion of the project, and
- i. All soil erosion control fencing shall be removed as soon as soil stabilization is completed.

Issued under the authority of the Commissioner of Energy and Environmental Protection on:

Date

Emma Cimino
Acting Commissioner
Department of Energy & Environmental Protection