



Connecticut Department of Energy and Environmental Protection License*

Section 401 Water Quality Certification

Licensee(s): The Connecticut Light and Power Company dba
Eversource Energy

Licensee Address(s): 107 Selden Street
Berlin, CT 06037

License Number(s): 202506306-WQC

Municipality: Windsor, South Windsor, East Hartford

Project Description: Removal of vegetation incompatible with high voltage electrical
transmission infrastructure.

Project Address/Location: CT-26 ROW in Windsor, South Windsor and East Hartford

Waters: Connecticut River, Podunk River, Hockanum 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.

Project Site Plan Set: *CT-26 Vegetation Management. Windsor, South Windsor, East
Hartford, and Hartford. Individual Permit Map Set. Plan Sheets 1-
11 and Detail Sheets 1-6 dated August 11, 2025, prepared by
Burns McDonnell for Eversource.*

*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 . . ."

License Enclosures: WQC CT GP Conditions; Site Plan Set; Land Record Filing;
LWRD Work Commencement Form; LWRD Compliance
Certification Form

Authorized Activities:

The Licensee is hereby authorized to conduct the following work as described in application # 202506306-WQC and as depicted on any site plan sheets / sets cited herein:

1. Install and maintain erosion and sedimentation controls.
2. Install 732,764 square feet of temporary timber matting for work access in wetlands identified as jurisdictional Waters of the United States, as depicted on the enclosed site plans.
3. Cut trees within approximately 432,577 square feet of wetlands identified as jurisdictional Waters of the United States, as depicted on the enclosed site plans.
4. Remove temporary timber matting.
5. Remove erosion and sedimentation controls once soil has been stabilized by vegetation.

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. All stumps shall remain in place to protect soil integrity.
3. Seed areas of bare soil with a quick-germinating native seed mix for stabilization.
4. To protect and enhance fisheries habitat, the Licensee shall coordinate with DEEP Fisheries Division prior to the commencement of the authorized activities to:
 - a. Where practicable, strategically fell trees along the banks near structures 5005 and B4 into the watercourse. When possible, leave these trees attached to the stump by means of an unbroken hinge / incomplete release cut.
 - b. Where practicable, near structures 3036 and 3037, preserve select trees within 50 feet of the watercourse with severe leans away from the lines to maintain shading.
5. To protect state-listed species, the Licensee shall retain an Environmental Monitor and adhere to the following NDDB best management practices:
 - a. For Northern leopard frog:
 - i. Provide information to educate the contractor about the species and its preferred habitat.
 - b. For Eastern box turtle:
 - i. Between April 1 and November 1, the Licensee shall ensure that:

1. The Contractor and crew are aware of the species description and possible presence.
2. The immediate area to be cleared each day is searched for turtles before starting work and any turtles found are moved out of the way, immediately outside the work area, but not taken off site.
3. Work conducted during the early morning and evening hours occurs with special care not to harm basking or foraging individuals.
- ii. Between November 1 and April 1, the Licensee shall limit access routes to the maximum extent practicable to minimize soil compaction.
- iii. Snags shall be left if they are less than 30 feet tall in the border zone and less than 15 feet tall in the wire zone wherever it is practical.
- iv. Pits from tipped up root mounds shall be left as overwintering locations wherever it is practical.
- c. For Peregrine Falcon and Bald Eagle:
 - i. Do not introduce new work activities and staging areas within 330 feet of active nests that are out of line of sight, or within 660 feet from nests that are within line of sight.
 - ii. To confirm if a Peregrine Falcon or Bald Eagle nest is active, contact DEEP Wildlife Biologist Brian Hess: brian.hess@ct.gov
- d. For mudpuppy, yellow lampmussel, Eastern pondmussel, tidewater mucket, dwarf wedgemussel, Atlantic sturgeon, and shortnose sturgeon:
 - i. Minimize vegetation removal and use of equipment along the banks of watercourses.
- e. For riverine clubtail and midland clubtail:
 - i. An expert in Gomphidae species shall flag areas of the species' Emergence Habitat prior to the commencement of authorized activities.
 - ii. Leave existing and new tree stumps in or near water undisturbed.
 - iii. Minimize traffic and activity along shorelines.
 - iv. To the extent practicable, do not disturb delineated and flagged Gomphidae Emergence Habitat.
 - v. To the extent practicable, minimize vegetation removal within 100 feet of watercourses.
 - vi. A designated Environmental Monitor shall be on-site to observe work completed within the Rare Gomphidae Emergence Habitat.
- f. For wood turtle:
 - i. To the extent practicable, vehicular access is preferred during the inactive season, November 1 – February 28, inclusive, to prevent mortality.
 - ii. During the active season of March 1 through October 31, inclusive of any year, regular sweeps for turtles shall be conducted by a qualified and trained

Environmental Monitor or qualified herpetologist prior to moving heavy equipment.

g. For state-listed plants and state-listed invertebrate host plants:

- i. Prior to the start of work:
 1. The limits of special plant areas, their ten-foot buffers (buffers), and Critical Habitat boundaries shall be flagged by a professional with experience identifying such plants and habitat in the field (*Project Botanist*) prior to the commencement of authorized activities.
 2. A field meeting shall be held with the Contractor, designated Environmental Monitor, and Project Botanist familiar with the areas flagged in Special Condition 5(g)(i)(1) to walk the plant areas and describe the required protection measures.
- ii. The designated Environmental Monitor shall be present on-site to observe work when the Contractor is working within the special plant areas, their buffers, and Critical Habitats.
- iii. The Licensee's arborist shall confirm that the Contractor and designated Environmental Monitor coordinate with each other to schedule any work that shall occur within the special plant areas and their buffers for times when the Environmental Monitor can be on site.
- iv. The designated Environmental Monitor shall document the work that occurs within the special plant areas and their buffers with notes, dates, times, and photographs. Any incidence of the protection measures not being followed shall be recorded. This documentation shall be provided to NDDB in the report specified in Special Condition 4(g)(viii)(1).
- v. Within the special plant areas, their buffers, and Critical Habitats, cutting shall occur by use of handheld equipment only. No machinery shall enter these areas with the exception of mowing heads on booms where the main body of the machine is outside the ten-foot buffer on an improved access road.
- vi. All cut brush shall be removed from special plant areas, their buffers, and critical habitats. Any chips or wood grindings generated during cutting shall either be removed from special plant areas and their buffer zones or spread diffusely on the ground and not left as a continuous blanket of chips or woody debris of any depth, to avoid smothering plants.
- vii. Timber matting in special plant areas shall not be used April 1 through October 31, inclusive of any year. All matting within special plant areas shall be removed prior to the start of the growing season, April 1. Matting required during the growing season shall be coordinated with and approved in writing by DEEP NDDB and DEEP LWRD.
- viii. Upon completion of the work within special plant areas, their buffers, and Critical Habitat, the Licensee shall submit a brief report on the mechanical work conducted within the special plant areas to DEEP NDDB via email, with a copy to DEEP LWRD.

1. The report shall include dates and times of work being monitored, an assessment of the success of protection protocols, any observed deviations from the protection protocols, any observed impacts to special plant areas or their habitat, any suggested mitigation (if impacts are known or suspected), and representative photographs.
 2. The Licensee shall then contact the NDDDB botanists william.moorhead@ct.gov and vincent.long@ct.gov to determine if a site inspection is warranted.
- ix. Prior to the start of herbicide applications, the Licensee shall:
1. Ensure that the boundaries of the ten-foot and thirty-foot buffers to state-listed invertebrate host plants and the boundary of the Critical Habitat (collectively referred to as *special plant areas*) is flagged by a the Project Botanist.
 2. Hold a meeting on-site with the contractor, designated Environmental Monitor, and Project Botanist familiar with the special plant areas to walk the plant areas and describe the following, required, protection measures:
 - a. The Environmental Monitor shall be present on-site to observe the work when the Contractor is working within a thirty-foot radius of the host plants.
 - b. All herbicide applications in the ten-foot buffer zone shall be done under the direct supervision of the Environmental Monitor.
 - c. Foliar herbicide application is permitted between the ten- and thirty-foot buffers to the plant areas and within Critical Habitat.
 - d. Within the special plant areas and the ten-foot buffers, no foliar spraying is prohibited; in these areas, herbicide application shall be limited to cut-stump treatment.
 - e. The Licensee's arborist shall confirm that the contractor and the Environmental Monitor coordinate with each other to schedule any work that shall occur within a thirty-foot radius for times when the Environmental Monitor can be on-site during the work.
 - f. The Licensee shall ensure that the contractor inform the Environmental Monitor what herbicide product or products and what concentration of active ingredient(s) the contractor is using for foliar application within the special plant areas prior to application. The Licensee shall ensure that the contractor provide the same information regarding herbicides to be used for cut-and-paint stump treatments or similar techniques. The Environmental Monitor shall record that

information and include it in the post-project-completion report to be sent to DEEP NDDB.

- g. The Environmental Monitor shall observe and document the work that occurs within the special plant areas with notes, dates, times, and photographs. The Environmental Monitor shall record and document any incidence of the protection measures outlined herein not being followed. If the Environmental Monitor observes any spray drift into the plant areas or ten-foot buffer, or spills of the herbicide onto non-target vegetation, one of two alternative actions shall be taken:
 - i. If the Environmental Monitor is also the Project Botanist, familiar with the special plant areas at the site, they shall make an assessment of impacts to the plants.
 - ii. If the Environmental Monitor is not the Project Botanist, the Monitor shall inform and coordinate with the Project Botanist who is familiar with the site, so that the Project Botanist may assess the impacts.
- h. Upon completion of the herbicide work, the Licensee shall submit to NDDB a brief report on the work conducted within the special plant areas and their ten-foot buffers. The report shall include herbicide products and active ingredient concentrations used, dates and times of work, representative photographs, an assessment of the success of protection protocols, any observed deviations from the protection protocols, any observed herbicide spills or spray drift into the special plant areas, any observed impacts and any suggested mitigation if impacts are known or suspected.
- i. The Licensee shall contact the NDDB botanists (william.moorhead@ct.gov) and (vincent.long@ct.gov) to determine if a site inspection is warranted.

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

Date

Emma Cimino
Acting Commissioner
Department of Energy & Environmental Protection

WINDSOR, SOUTH WINDSOR, EAST HARTFORD, AND HARTFORD, CT
Individual Permit Map Set

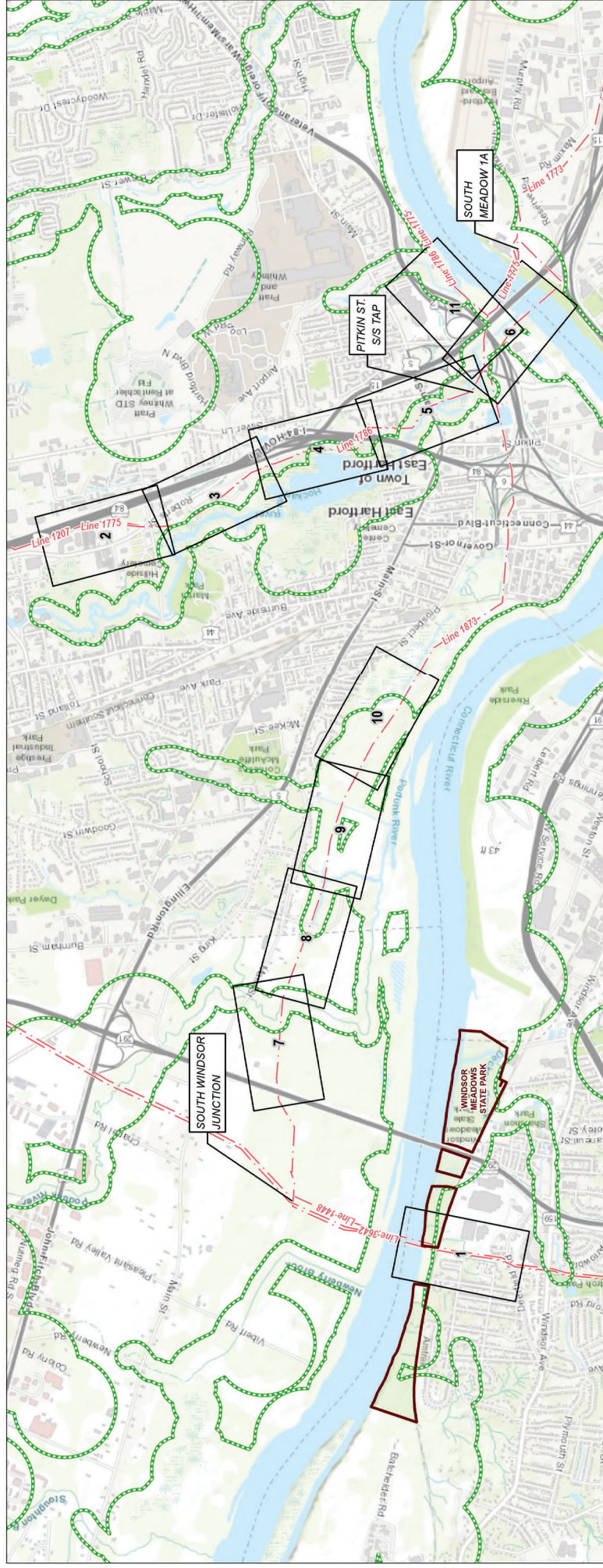
CONFIDENTIAL DATA INCLUDED THROUGHOUT.
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EVERSOURCE
ENERGY

PREPARED BY:



108 Leigus Road
Wallingford, CT 06492

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INDEX OF FIGURES

**Title Sheet / Index Map
Map Sheets 1-11**

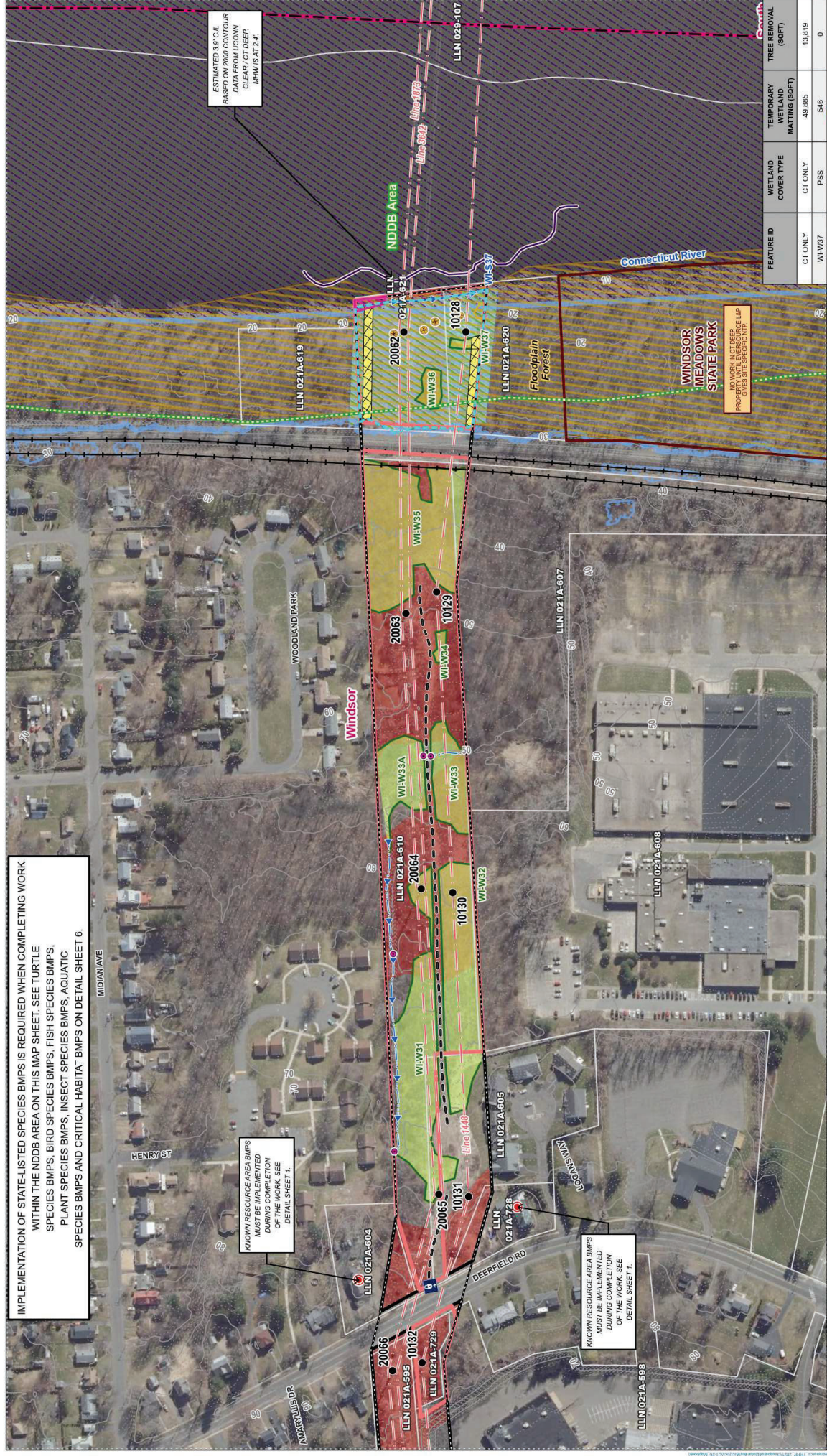
IMPLEMENTATION OF STATE-LISTED SPECIES BMPs IS REQUIRED WHEN COMPLETING WORK WITHIN THE NODB AREA ON THIS MAP SHEET. SEE TURTLE SPECIES BMPs, BIRD SPECIES BMPs, FISH SPECIES BMPs, PLANT SPECIES BMPs, INSECT SPECIES BMPs, AQUATIC SPECIES BMPs AND CRITICAL HABITAT BMPs ON DETAIL SHEET 6.

KNOWN RESOURCE AREA BMPs MUST BE IMPLEMENTED DURING COMPLETION OF THE WORK. SEE DETAIL SHEET 1.

KNOWN RESOURCE AREA BMPs MUST BE IMPLEMENTED DURING COMPLETION OF THE WORK. SEE DETAIL SHEET 1.

ESTIMATED 3.9' C/L BASED ON 2000 CONTOUR DATA FROM USGS. CLASSED AS "P" MAP. UTM U.S. AT 2.4.

NO WORK IN CT DEEP-POPPED LIP GIVES SITE SPECIFIC R/P.



Legend

- Overhead Easement Line
- Existing Structure
- Curbit
- Gate
- Fence
- Off-ROW Access
- Pending Rights

INDEX MAP

Legend

- Existing Right-of-Way (ROW)
- Approximate Limit of Vegetation
- Proposed Tree Clearing
- Existing Access
- Off-ROW Access
- Pending Rights

Legend

- Delimited Wetland Boundary Outline
- Delimited Wetland
- CT State Wetlands
- Approximate Wetland
- Open Water

Legend

- FEMA 100-Year Flood Zone
- FEMA Floodway
- Eligible Historic Site
- Ecological Site
- Sensitive Resource Area

Legend

- Blue Species (NODB 12/2024)
- DEEP Critical Habitat
- Rare Species (Point)
- Rare Species (Area)
- ACOE Jurisdictional Area

Legend

- Permit Boundary
- Easement Owned
- Property
- Shared Property
- Municipal Boundary
- Map Sheet Markings

Scale

1 inch = 200 feet

0 50 100 200 feet

Notes

"Contractor must receive site specific notice to proceed prior to any work in this jurisdictional area."

FEATURE ID	WETLAND COVER TYPE	TEMPORARY WETLAND MATING (SOFT)	TREE REMOVAL (SOFT)
CT ONLY	CT ONLY	49,895	13,819
WI-W37	PSS	548	0

EVERSOURCE	
CT-28	Best
Hockanum Podunk Rivers Corridor Individual Permit Map Set	
WINDSOR, SOUTH HARTFORD, AND HARTFORD, CT	
MAP SHEET 1 OF 11	
Date: August 11, 2025	

CONFIDENTIAL DATA INCLUDED THROUGHOUT. DO NOT DISTRIBUTE IN WHOLE OR IN PART.



KNOWN RESOURCE AREA BMPs
MUST BE IMPLEMENTED
DURING CONSTRUCTION
OF THE WORK SEE
DETAIL SHEET 1.

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- Existing Structure
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- Delimited Perennial Watercourse
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- Delimited Wetland Boundary Outline
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- Open Water
- FEMA 100-Year Flood Zone
- FEMA Floodway
- Historic Site
- Ecological Site
- Sensitive Resource Area
- Rare Species (Point)
- Rare Species (Area)
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- Rare Species (NDDB 12/2024)
- DEEP Critical Habitat
- Property Owned
- Property Shared
- Municipal Boundary
- ACOE Jurisdictional Area
- Permit Boundary
- Eversource Owned
- Shared Property

Scale

1 inch = 200 feet

0 50 100 200 feet

Contractor must receive site specific notice to proceed prior to any work in this jurisdictional area.

FEATURE ID	WETLAND COVER TYPE	TEMPORARY WETLAND MATING (SQFT)	TREE REMOVAL (SQFT)
EH-W9	PSS	25,384	0

EVERSOURCE

CT-28

Hockanum Podunk Rivers Corridor Individual Permit Map Set

WINDSOR, SOUTH, EAST HARTFORD, AND HARTFORD, CT

MAP SHEET 2 OF 11

Date: August 11, 2025

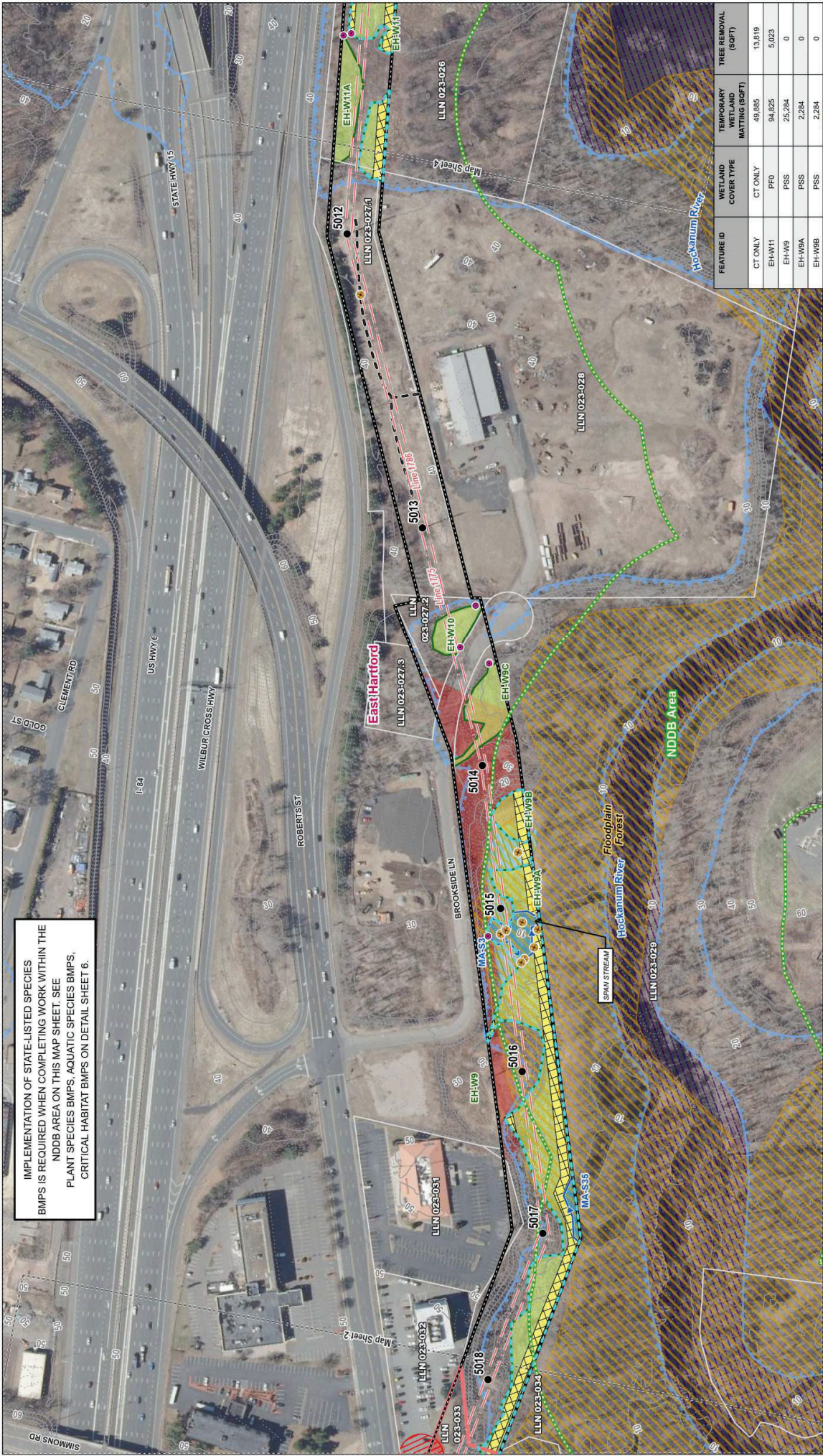
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DATE

REVISIONS

CONFIDENTIAL DATA INCLUDED THROUGHOUT. DO NOT DISTRIBUTE IN WHOLE OR IN PART.

IMPLEMENTATION OF STATE-LISTED SPECIES
BMPS IS REQUIRED WHEN COMPLETING WORK WITHIN THE
NDB AREA ON THIS MAP SHEET. SEE
PLANT SPECIES BMPS, AQUATIC SPECIES BMPS,
CRITICAL HABITAT BMPS ON DETAIL SHEET 6.



Legend

- Overhead Easement Line
- Existing Structure
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- Gate
- Fence
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- Pending Rights
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- Rare Species (Area)
- ACOE Jurisdictional Area

INDEX MAP

Scale

1 inch = 200 feet

0 50 100 200 feet

Contractor must receive site specific notice to proceed prior to any work in this jurisdictional area.

FEATURE ID	WETLAND COVER TYPE	TEMPORARY WETLAND MATING (SQFT)	TREE REMOVAL (SQFT)
CT ONLY	CT ONLY	49,895	13,819
EH-W11	PFO	94,825	5,023
EH-W9	PSS	25,284	0
EH-W9A	PSS	2,284	0
EH-W9B	PSS	2,284	0

EVERSOURCE

CT-28

Hockanum Podunk Rivers Corridor Individual Permit Map Set

WINDSOR, SOUTH WINDSOR, EAST HARTFORD, AND HARTFORD, CT

MAP SHEET 3 OF 11

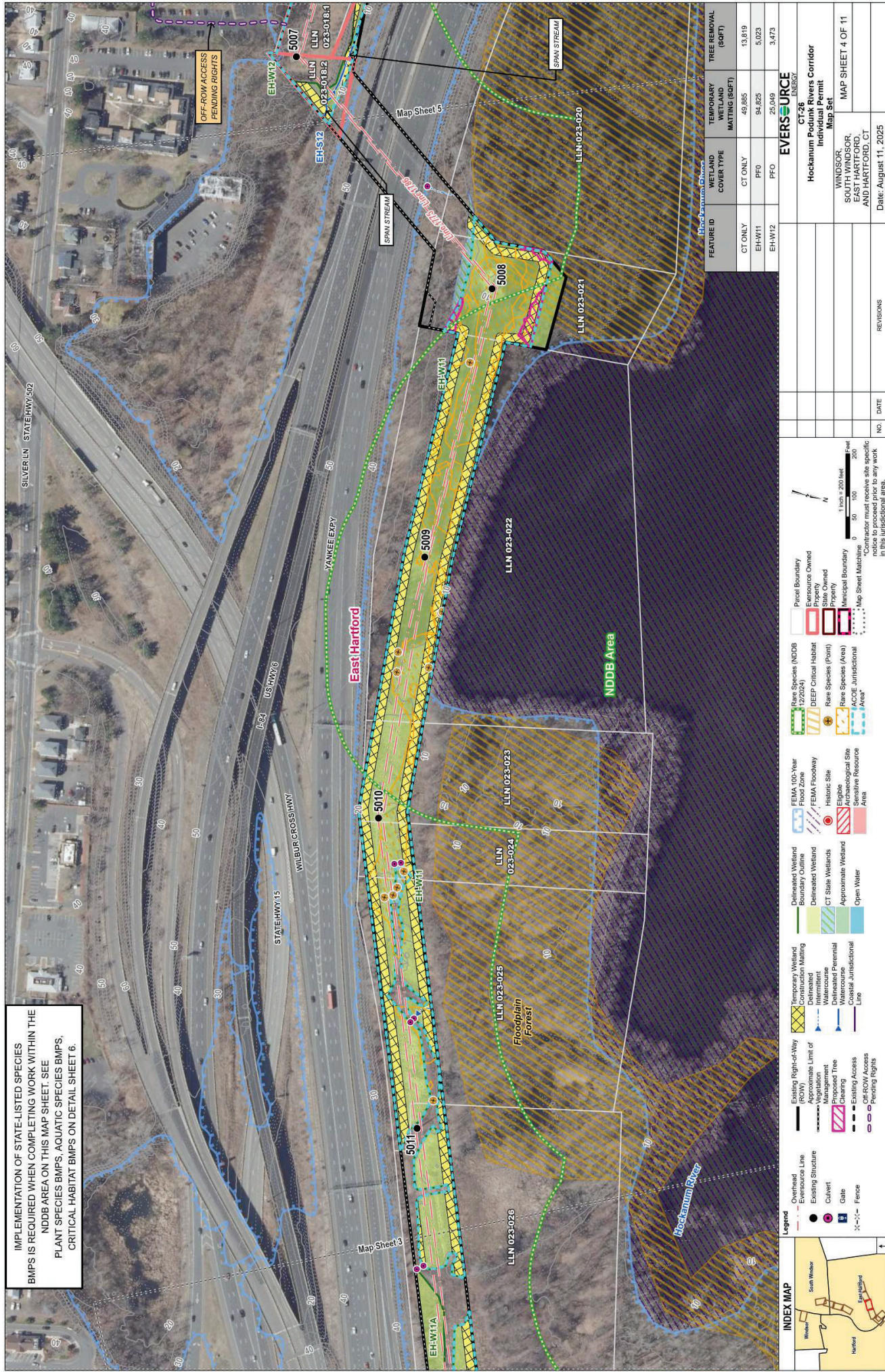
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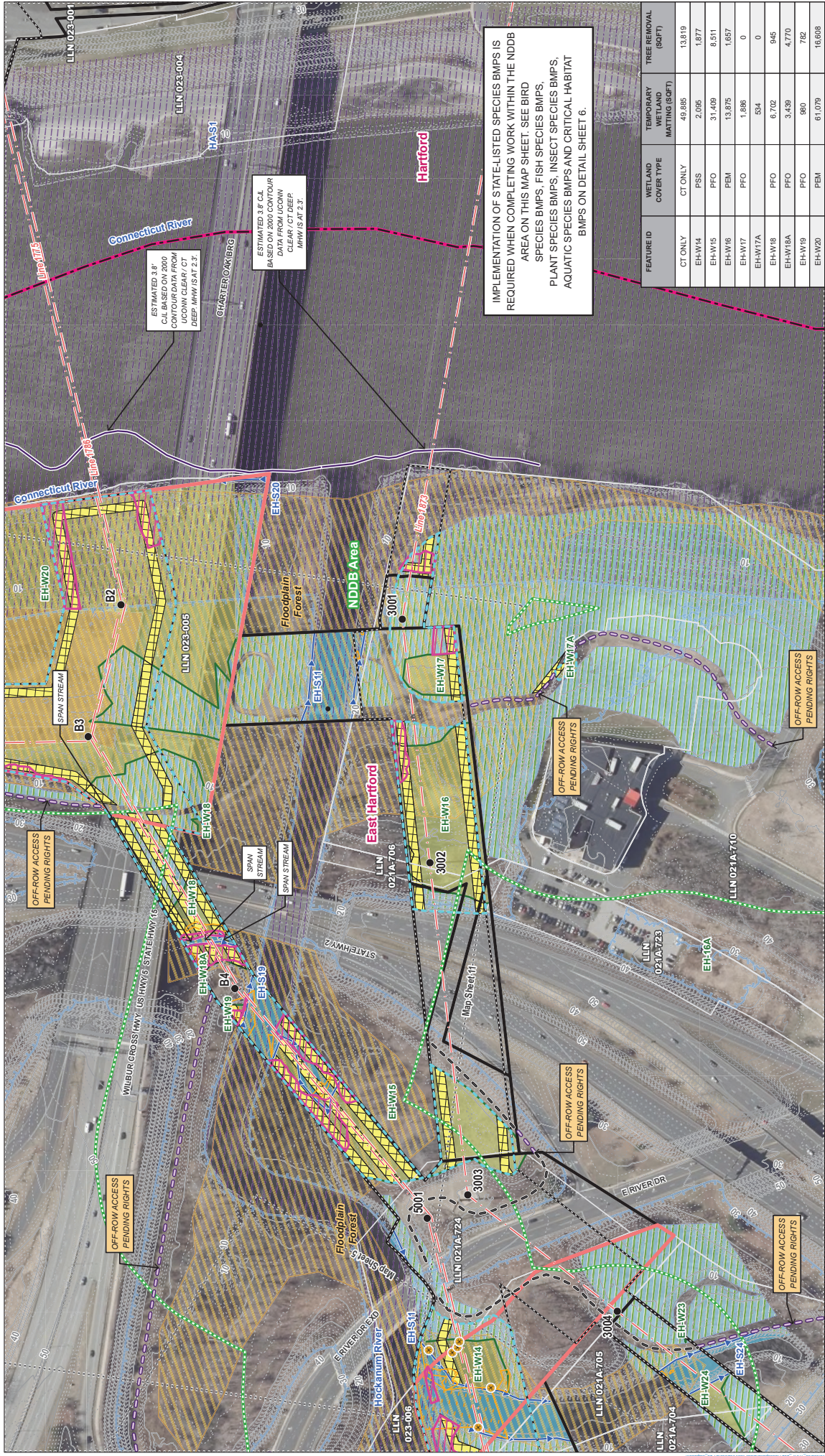
REVISIONS

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IMPLEMENTATION OF STATE-LISTED SPECIES
BMPs IS REQUIRED WHEN COMPLETING WORK WITHIN THE
NDDB AREA ON THIS MAP SHEET. SEE
PLANT SPECIES BMPs, AQUATIC SPECIES BMPs,
CRITICAL HABITAT BMPs ON DETAIL SHEET 6.



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- Culvert
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- Fence
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- Approximate Limit of Vegetation
- Proposed Tree Clearing
- Existing Access
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- Approximate Wetland
- Open Water
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- Delimited Wetland
- Approximate Wetland
- Open Water
- Delimited Wetland Boundary Outline
- Delimited Wetland
- Approximate Wetland
- Open Water

Map Set

Watershed: SOUTH WINDSOR, EAST HARTFORD, AND HARTFORD, CT

Map Sheet: 6 OF 11

Date: August 11, 2025

Revisions:

NO.	DATE	REVISIONS

Table

FEATURE ID	WETLAND COVER TYPE	TEMPORARY WETLAND MATING (SQFT)	TREE REMOVAL (SQFT)
CT ONLY	CT ONLY	49,005	13,819
EH-W14	PSS	2,095	1,977
EH-W15	PFO	31,409	8,911
EH-W16	PBM	13,975	1,657
EH-W17	PFO	1,886	0
EH-W17A	PFO	534	0
EH-W18	PFO	6,702	945
EH-W18A	PFO	3,438	4,770
EH-W19	PFO	980	782
EH-W20	PBM	61,070	16,608

EVERSOURCE

CT28 Budget

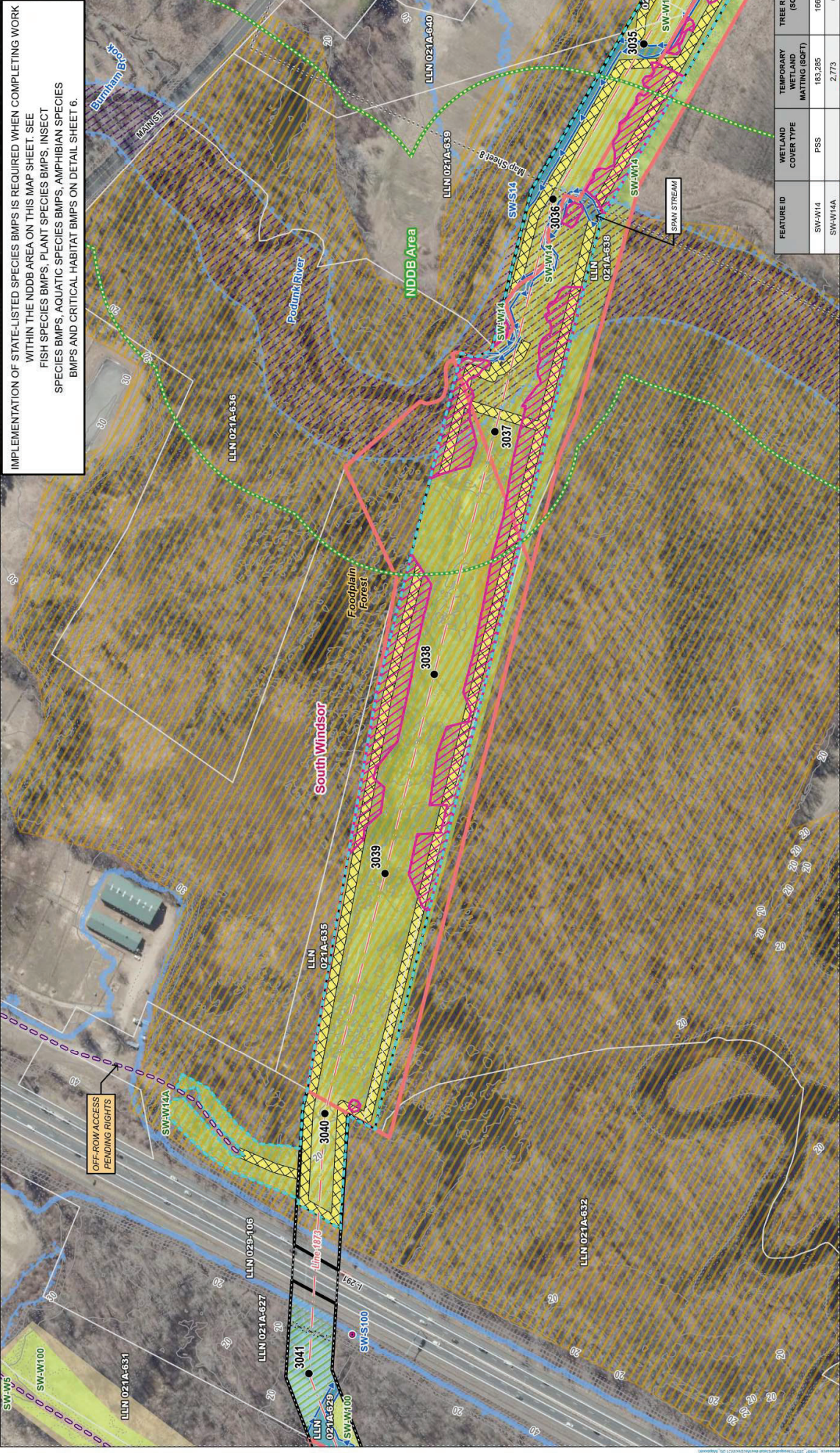
Hockanum Podunk Rivers Corridor

Individual Permit

Map Set

CONFIDENTIAL DATA INCLUDED THROUGHOUT. DO NOT DISTRIBUTE IN WHOLE OR IN PART.

NOTIFICATION OF STATE-LISTED SPECIES BMPs IS REQUIRED WHEN COMPLETING WORK WITHIN THE NDBB AREA ON THIS MAP SHEET. SEE FISH SPECIES BMPs, PLANT SPECIES BMPs, INSECT SPECIES BMPs, AQUATIC SPECIES BMPs, AMPHIBIAN SPECIES BMPs AND CRITICAL HABITAT BMPs ON DETAIL SHEET 6.



FEATURE ID	WETLAND COVER TYPE	TEMPORARY WETLAND MATTING (SQFT)	TREE REMOVAL (SQFT)
SW-W14	PSS	183,285	166,426
SW-W14A		2,773	0

EVERSOURCE ENERGY	CT-26	MAP SHEET 7 OF 11	
Hockanum Podunk Rivers Corridor Individual Permit Map Set	WINDSOR, SOUTH WINDSOR, EAST HARTFORD, AND HARTFORD, CT		Date: August 11, 2025

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line

Contractor must receive site specific
notice to proceed prior to any work
in this jurisdictional area.

☐ Private Species (NDDB 2024)
☒ EP Critical Habitat
☐ Private Species (Point)
☐ Private Species (Area)
☒ OE Jurisdictional
☐ Private Species (Area)

any Wetland action Matting	Delineated Wetland Boundary Outline
ated ent	Delineated Wetland
course	CT State Wetlands
ated Perennial course	Approximate Wetland
Jurisdictional	Open Water

Existing Right-of-Way (ROW)
 Construction
 Delinquent
 Internal
 Waterline
 Delinquent
 Waterline
 Coastal
 Line

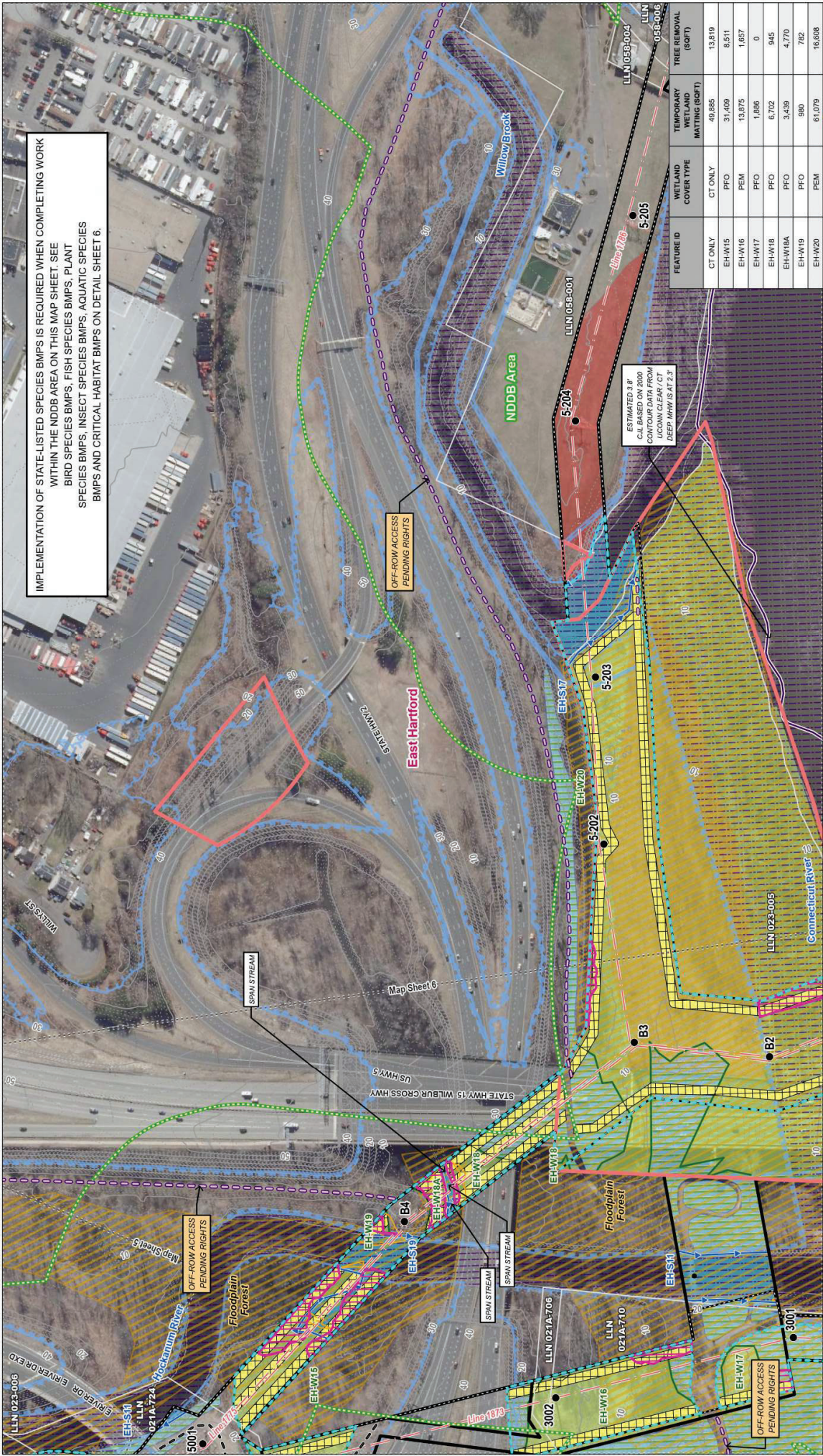
Approximate Limit of Vegetation
 Proposed Tree Clearing
 Management
 Existing Access
 Off-ROW Access
 Pending Rights

Legend

- Overhead Line
- Eversource Line
- Existing Structure
- Culvert
- Gate
- Fence

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FEATURE ID	WETLAND COVER TYPE	TEMPORARY MATING (SQFT)	TREE REMOVAL (SQFT)
CT ONLY	CT ONLY	49,885	13,819
EH-W15	PFO	31,409	8,511
EH-W16	PEM	13,875	1,657
EH-W17	PFO	1,886	0
EH-W18	PFO	6,702	945
EH-W18A	PFO	3,439	4,770
EH-W19	PFO	990	782
EH-W20	PEM	61,070	16,606

EVERSOURCE	
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Hockanum Podunk Rivers Corridor	
Individual Permit	
Map Set	
WINDSOR, SOUTH HARTFORD, EAST HARTFORD, AND HARTFORD, CT	MAP SHEET 11 OF 11
Date: August 11, 2025	

Legend

- Overhead
- Eversource Line
- Existing Structure
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- Existing Right-of-Way
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- FEMA 100-Year Flood Zone
- FEMA Floodway
- Eligible Historic Site
- Ecological Site
- Sensitive Resource Area

Legend

- Blue Species (NDB 12/2024)
- DEEP Critical Habitat
- Rare Species (Point)
- Rare Species (Area)
- ACOE Jurisdictional Area

Legend

- Prill Boundary
- Eversource Owned Property
- Unimproved Property
- Municipal Boundary
- Map Sheet Markings

1 inch = 200 feet

Contractor must receive site specific notice to proceed prior to any work in this jurisdictional area.

CONFIDENTIAL DATA INCLUDED THROUGHOUT. DO NOT DISTRIBUTE IN WHOLE OR IN PART.

AGRICULTURAL LAND 1. SCHEDULE WORK TO AVOID GROWING AND HARVEST SEASONS. 2. USE OF TIMBER MATS AND APPROPRIATE EQUIPMENT TO MINIMIZE SOIL COMPACTION IS REQUIRED. 3. RESTORE SOILS THAT ARE COMPACTED BY MECHANIZED EQUIPMENT. 4. REMOVE ALL DEBRIS FROM THE ROW. 5. PROTECT EXISTING DRAINAGE FEATURES, INCLUDING BUT NOT LIMITED TO SWALES, DITCHES AND UNDERGROUND TILES, ANY FEATURES/STRUCTURES DAMAGED DURING COMPLETION OF THE WORK SHALL BE REPAIRED/REPLACED IN KIND BY THE CONTRACTOR. CONSTRUCTION ENTRANCE (SEE SECTION 3.8.3 OF BMP MANUAL) 1. TRACKING OF DIRT AND DEBRIS ONTO PAVED SURFACES SHALL BE AVOIDED AT ALL TIMES. 2. ANTI TRACKING PADS SHALL BE ESTABLISHED AS NECESSARY AT THE CONSTRUCTION ENTRANCE TO PREVENT TRACKING OF DEBRIS ONTO PAVED ROADWAYS. 3. THE ANTI-TRACKING PAD MUST BE PERIODICALLY INSPECTED AND MAINTAINED AS NECESSARY. 4. DIRT AND DEBRIS THAT IS TRACKED INTO THE ROADWAY MUST BE REMOVED IMMEDIATELY. ADEQUATE TOOLS (BROOMS, SHOVELS, SWEEPERS) MUST BE ON SITE AND ACCESSIBLE AT ALL TIMES. DEEP PROPERTY (SEE SECTION 3.4 OF BMP MANUAL) 1. STATE-LAND NOTIFICATION MUST BE SUBMITTED AT LEAST 4 WEEKS PRIOR TO WORK ON DEEP PROPERTY. CONSULT WITH EVERSOURCE LICENSING & PERMITTING STAFF TO CONFIRM THE ACCEPTABLE START DATE AND TO FIND OUT IF THERE ARE OTHER CT DEEP REQUIREMENTS IN PLACE FOR THE COMPLETION OF WORK. SPECIAL USE LICENSE 1. A SPECIAL USE LICENSE (SUL) IS REQUIRED FOR OFF-ROW ACCESS ON DEEP PROPERTY. CONSULT WITH EVERSOURCE LICENSING & PERMITTING STAFF TO CONFIRM THE ACCEPTABLE START DATE AND TO FIND OUT IF THERE ARE OTHER CT DEEP REQUIREMENTS IN PLACE FOR THE COMPLETION OF WORK. DUST CONTROL (SEE SECTION 3.16 OF BMP MANUAL) 1. WORK ACTIVITIES SHOULD BE SCHEDULED APPROPRIATELY TO MINIMIZE THE AMOUNT OF DISTURBED GROUND EXPOSED AT ONE TIME IN ORDER TO REDUCE THE AREA REQUIRING DUST CONTROL. 2. USE DUST CONTROL MEASURES ON DISTURBED SOIL SURFACES AND EXPOSED SOIL SURFACES, ESPECIALLY DURING HOT OR DRY WEATHER PERIODS AND IN AREAS WITH EXCESSIVELY WELL-DRAINED SOILS. 3. REPETITIVE TREATMENTS SHOULD BE USED AS NEEDED UNTIL THE SURFACE IS PERMANENTLY STABILIZED.		FLOODWAYS/FLOODPLAINS 1. LEAVING CUT MATERIAL AND CHIPS WITHIN FLOODWAYS IS NOT ALLOWED. BE MINIMIZED. 2. LEAVING CUT MATERIAL AND CHIPS WITHIN 100-YEAR FLOOD ZONES SHALL BE MINIMIZED. 3. TEMPORARY TIMBER MATS WITHIN FLOODWAYS AND 100-YEAR FLOOD ZONES SHALL BE ADEQUATELY ANCHORED AS NECESSARY TO PREVENT FLOTATION DURING HIGH WATER EVENTS, OR IF NOT ANCHORED SHALL BE REMOVED PRIOR TO THE HIGH-WATER EVENT EVEN IF WORK IN THE AREA IS ONGOING. 4. PARKING AND/OR STORAGE OF VEHICLES, EQUIPMENT, AND MATERIALS WITHIN FLOODWAYS AND 100-YEAR FLOOD ZONES IS NOT ALLOWED. HIKING TRAILS (SEE SECTION 3.3 OF BMP MANUAL) 1. AVOID USING HIKING TRAILS AS ACCESS ROADS OR ACCESS ROUTES FOR VEHICLES AND EQUIPMENT. 2. IF A HIKING TRAIL MUST BE USED FOR VEHICLE OR EQUIPMENT ACCESS COORDINATION WITH EVERSOURCE VEGETATION MANAGEMENT COMPLIANCE OR OVERSIGHT STAFF AND/OR LICENSING & PERMITTING STAFF IS REQUIRED PRIOR TO USE. 3. UTILIZE EXISTING ACCESS ROADS TO CROSS HIKING TRAILS TO THE MAXIMUM EXTENT PRACTICABLE. 4. IF NO EXISTING ACCESS ROADS EXIST AND A HIKING TRAIL MUST BE CROSSED, MINIMIZE TRAIL CROSSINGS BY DESIGNATING ONE LOCATION FOR USE BY EQUIPMENT. 5. SIGNS, BARRIERS, SPOTTERS OR OTHER MEANS TO ALERT THE PUBLIC TO THE WORK SHALL BE IMPLEMENTED. 6. STOCKPILING LOGS AND OTHER CUT MATERIAL WITHIN 25 FEET OF HIKING TRAILS IS NOT ALLOWED UNLESS APPROVED BY EVERSOURCE VEGETATION MANAGEMENT COMPLIANCE OR OVERSIGHT STAFF. 7. SPREADING WOOD CHIPS ON HIKING TRAILS IS NOT ALLOWED UNLESS APPROVED BY EVERSOURCE VEGETATION MANAGEMENT COMPLIANCE OR OVERSIGHT STAFF. 8. ALL CUT MATERIAL MUST BE REMOVED FROM HIKING TRAILS AT THE END OF EACH WORKDAY. 9. AS SOON AS POSSIBLE AFTER WORK IS COMPLETED, DISTURBED PORTIONS OF HIKING TRAILS WILL BE RETURNED AS CLOSE TO PRE-CONSTRUCTION CONDITION AS POSSIBLE. THIS MAY INCLUDE HAND RAKING, HAND CUTTING OF STUMPS AND/OR HAND REMOVAL OF CUT VEGETATION. 10. IF ANY TREES THAT ARE MARKED FOR TRAIL NAVIGATION MUST BE CUT, THE PROPERTY MANAGER OR TRAIL MAINTAINER MUST BE NOTIFIED. 11. POSTS OR OTHER MARKERS THAT ARE USED FOR TRAIL NAVIGATION SHALL BE PROTECTED AT ALL TIMES. REPLACEMENT IN KIND SHALL BE COMPLETED BY THE CONTRACTOR IF DISTURBED OR DAMAGED DURING COMPLETION OF THE WORK. CULTURAL RESOURCES (SEE SECTION 3.5 OF BMP MANUAL) 1. ALL WORK SHOULD BE CLOSELY COORDINATED WITH EVERSOURCE VEGETATION MANAGEMENT COMPLIANCE OR OVERSIGHT STAFF. 2. SOME SITES, AREAS OR FEATURES MAY NEED TO BE FLAGGED OR		OTHERWISE IDENTIFIED PRIOR TO THE START OF WORK. 3. EXCAVATION, TRENCHING OR GRADING IS NOT ALLOWED IN SITES/AREAS IDENTIFIED ON THE MAPPING. 4. GRUBBING OF STUMPS IS NOT ALLOWED IN SITES/AREAS IDENTIFIED IN THE MAPPING. IF STUMP GRINDING IS NECESSARY, ALL DISTURBANCE BELOW GRADE SHOULD BE AVOIDED. 5. USE OF MECHANIZED EQUIPMENT SHOULD BE AVOIDED TO THE MAXIMUM EXTENT PRACTICABLE WITHIN SITES/AREAS IDENTIFIED ON THE MAPPING. 6. TIMBER MATS MUST BE CAREFULLY PLACED AND REMOVED WITH APPROPRIATE EQUIPMENT AND SHALL NOT BE DRAGGED DURING INSTALLATION OR REMOVAL. KNOWN RESOURCES (ELIGIBLE ARCHAEOLOGICAL SITES) BMPs 1. TREE FELLING MAY NOT OCCUR ON STONE WALLS, CELLAR HOLES OR OTHER SURFACE FEATURES. CUT MATERIAL SHOULD NOT BE DRAGGED OVER OR THROUGH THESE FEATURES, OR THROUGH SITES/AREAS IDENTIFIED ON THE MAPPING. 2. STOCKPILING OF CUT MATERIAL IS NOT ALLOWED IN THESE AREAS UNLESS APPROVED BY EVERSOURCE VEGETATION MANAGEMENT COMPLIANCE OR OVERSIGHT STAFF. 3. HAND CUTTING MUST BE PRIORITIZED IN THESE AREAS, BUT IF MECHANIZED EQUIPMENT IS REQUIRED AND CANNOT BE RESTRICTED TO ALREADY IMPROVED SURFACES, TIMBER MATS (OR OTHER ACCEPTABLE PRODUCTS AS DETERMINED IN CONSULTATION WITH EVERSOURCE VEGETATION MANAGEMENT COMPLIANCE OR OVERSIGHT STAFF) MUST BE USED TO EITHER STAGE OR TRAVERSE EQUIPMENT OVER THE AREA. 4. MOWER DECKS SHOULD BE SET AT AN APPROPRIATE LEVEL TO AVOID GROUND DISTURBANCE. SENSITIVITY AREA BMPs 1. TREE FELLING MAY NOT OCCUR ON STONE WALLS, FOUNDATIONS OR OTHER SURFACE FEATURES. IF IT IS NECESSARY TO DRAG CUT MATERIAL THROUGH SENSITIVITY AREAS, GROUND DISTURBANCE SHOULD BE AVOIDED TO THE MAXIMUM EXTENT PRACTICABLE. 2. MINIMIZE THE PERMANENT STOCKPILING OF CUT MATERIAL UNLESS APPROVED BY EVERSOURCE VEGETATION MANAGEMENT COMPLIANCE OR OVERSIGHT STAFF. 3. IF THE USE OF MECHANIZED EQUIPMENT IS REQUIRED, GROUND DISTURBANCE (E.G. RUTTING) SHOULD BE AVOIDED. PROTECTION MEASURES INCLUDE AVOIDING "ZERO RADIUS" TURNS, COMPLETING THE WORK DURING WINTER MONTHS WHEN THE GROUND IS FROZEN (AS DETERMINED BY EVERSOURCE VEGETATION MANAGEMENT COMPLIANCE OR OVERSIGHT STAFF) AND BY RESTRICTING RUTTING TO ALREADY IMPROVED SURFACES. IF ANY SIGNIFICANT RUTTING OCCURS, THE ACTIVITIES CAUSING THE GROUND DISTURBANCE SHOULD BE TERMINATED UNTIL THE GROUND SURFACE IS EITHER STABILIZED (E.G. DRIED OUT OR FROZEN) OR MATS CAN BE EMPLOYED TO BETTER DISTRIBUTE WEIGHT.		Cyclical Vegetation Management and Transmission Right-of-Way Reliability Projects Resource Protection Best Management Practices Detail Sheet 1 of 6	
Sources: Best Management Practices Manual for Massachusetts and Connecticut, April 2022 CT General Permit, December 2021 Spill Prevention and Control Plan (SPCP), December 2023							

4. IF ANY PREVIOUSLY UNIDENTIFIED SITES OR FEATURES SUCH AS HISTORIC CELLAR HOLES OR WELLS ARE ENCOUNTERED, CREWS SHOULD CONSULT WITH EVERSOURCE VEGETATION MANAGEMENT COMPLIANCE/OVERSIGHT STAFF AND LICENSING & PERMITTING STAFF FOR GUIDANCE ON HOW TO PROCEED.

SNOW REMOVAL AND DISPOSAL

- 1. DO NOT STOCKPILE SNOW OR DISPOSE OF SNOW IN ANY WATER RESOURCE, ON TOP OF STORM DRAIN CATCH BASINS OR IN STORM WATER DRAINAGE SWALES OR DITCHES.
- 2. PROMPTLY AND PROPERLY REMOVE SNOW FROM CONSTRUCTION MATS BEFORE APPLYING SAND TO AVOID ICE FORMATION.
- 3. DISPOSED OF IN AN UPLAND AREA PRIOR TO REMOVING CONSTRUCTION MATS FROM WETLANDS.
- 4. ONCE CONSTRUCTION MATS ARE REMOVED, SAND THAT HAS FALLEN THROUGH THE CONSTRUCTION MATS SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR.

SPILL CONTROL/REFUELING

- 1. ALL STORAGE AND REFUELING OF VEHICLES AND OTHER EQUIPMENT MUST OCCUR OUTSIDE OF AND AS FAR AWAY AS PRACTICAL FROM SENSITIVE AREAS SUCH AS WATER RESOURCES. THE RECOMMENDED MINIMUM DISTANCE FROM WETLAND AREAS FOR STORAGE OF FUEL AND REFUELING IS 100 FEET.
- 2. SECONDARY CONTAINMENT SHOULD BE USED DURING REFUELING OPERATIONS IF OCCURRING WITHIN A WATER RESOURCE AREA OR WITHIN 25 FEET OF ONE.
- 3. A PROPER LOCATION FOR REFUELING SHOULD BE IDENTIFIED AND DESIGNATED BEFORE SITE WORK BEGINS.
- 4. SPILL KITS MUST BE KEPT ON SITE, AND ACCESSIBLE AND APPROPRIATELY STOCKED AT ALL TIMES.
- 5. EQUIPMENT SHOULD BE CHECKED REGULARLY FOR EVIDENCE OF LEAKS.
- 6. CONSTRUCTION MATERIAL STORAGE SHOULD ALSO BE LOCATED AT LEAST 100 FEET FROM WETLANDS.
- 7. ALL OTHER REQUIREMENTS OF THE SPILL PREVENTION AND CONTROL PLAN (SPCP), INCLUDING THOSE ASSOCIATED WITH THE CONTRACTOR'S RESPONSIBILITY TO SELF-REPORT ALL SPILLS TO THE DEEP, SHALL BE FOLLOWED AT ALL TIMES.

STONE WALLS, FOUNDATIONS AND OTHER SURFACE FEATURES

- 1. DO NOT DRIVE OVER OR DRAG CUT VEGETATION OVER THESE FEATURES.
- 2. UTILIZE EXISTING OPENINGS (BARWAYS) IN STONE WALLS TO THE MAXIMUM EXTENT PRACTICABLE.
- 3. IF EXISTING OPENINGS ARE NOT PRESENT, 'AIR BRIDGING' OVER THE WALL WITH CONSTRUCTION MATS IS ALLOWED.
- 4. DO NOT FELL TREES OR STOCKPILE LOGS OR OTHER CUT MATERIAL ON TOP OF THESE FEATURES.
- 5. DO NOT SPREAD OR STOCKPILE WOOD CHIPS ON TOP OF THESE FEATURES.
- 6. IF ANY FEATURES ARE IDENTIFIED BY THE CONTRACTOR THEY SHALL BE FLAGGED AND THE LOCATION COMMUNICATED TO ALL FIELD STAFF AND EQUIPMENT OPERATORS.
- 7. IF TEMPORARY OR PERMANENT ALTERATIONS TO A WALL OR OTHER FEATURE ARE NECESSARY, EVERSOURCE LICENSING & PERMITTING STAFF MUST BE CONTACTED PRIOR TO DOING SO AND PROPER DOCUMENTATION CAN OCCUR.

PERMITTED USE OF TIMBER MATS (SEE CONDITIONS OF CT GENERAL PERMIT)

- ALL THE FOLLOWING ARE REQUIRED WHEN AN SV IS IN PLACE:
- 1. WHEN OPERATING EQUIPMENT WITHIN WATER RESOURCES, THE EQUIPMENT SHALL EITHER HAVE LOW GROUND PRESSURE (TYPICALLY <3 PSI), OR IT SHALL BE PLACED ON TIMBER MATS THAT ARE ADEQUATE TO SUPPORT THE EQUIPMENT TO MINIMIZE DISTURBANCE TO SOILS AND VEGETATION.
 - 2. CONSTRUCTION MATS ARE TO BE PLACED IN THE WETLAND FROM THE UPLAND OR FROM EQUIPMENT POSITIONED ON TIMBER MATS IF WORKING WITHIN A WETLAND. DRAGGING CONSTRUCTION MATS INTO POSITION IS PROHIBITED.
 - 3. SUPPORT STRUCTURES, OTHER THAN TIMBER MATS, WHICH ARE CAPABLE OF SAFELY SUPPORTING EQUIPMENT MAY BE USED WITH WRITTEN CORPS AUTHORIZATION. SIMILARLY, WRITTEN AUTHORIZATION FROM THE CORPS MAY BE REQUESTED TO WAIVE THE USE OF MATS DURING FROZEN OR DRY CONDITIONS.
 - 4. TO MINIMIZE THE INTRODUCTION OR SPREAD OF INVASIVE PLANT SPECIES, TIMBER MATS MUST BE FREE OF DIRT, MUD AND OTHER ORGANIC DEBRIS PRIOR TO ARRIVAL AND USE ON SITE. IN ADDITION, IF THE MATS HAVE BEEN PLACED IN AN AREA THAT ALREADY CONTAINS INVASIVE PLANT SPECIES THEY SHALL BE THOROUGHLY CLEANED BEFORE RE-USE.
 - 5. THE USE OF TIMBER MATS SHALL OCCUR IN ACCORDANCE WITH THE FOLLOWING BEST MANAGEMENT PRACTICES:
 - MATS SHOULD BE IN GOOD CONDITION TO ENSURE PROPER INSTALLATION, USE AND REMOVAL.
 - MATS SHOULD BE CARRIED AND NOT DRAGGED INTO PLACE.
 - THE MINIMUM NUMBER OF MATS NECESSARY TO CONSTRUCT THE CROSSING SHALL BE USED.
 - WHERE NECESSARY, INSTALL ADEQUATE E&S CONTROLS AT APPROACHES TO THE MATS TO PROMOTE A SMOOTH TRANSITION TO THE MATS AND MINIMIZE SEDIMENT TRACKING ONTO THE MATS.
 - DURING WINTER MONTHS WHEN THE USE OF SAND AND OTHER TRACTION AGENTS CAN BE EXPECTED TO BE NECESSARY, GEOTEXTILE FABRIC SHALL BE PLACED BELOW MATS OR BETWEEN LAYERS OF MATS THAT SPAN WATERCOURSES.
 - IN MOST CASES, CONSTRUCTION MATS SHOULD BE PLACED ALONG THE TRAVEL AREA SO THAT THE INDIVIDUAL BOARDS ARE RESTING PERPENDICULAR TO THE DIRECTION OF TRAFFIC. NO GAPS SHOULD EXIST BETWEEN MATS.
 - PLACE MATS FAR ENOUGH ON EITHER SIDE OF THE RESOURCE AREA TO REST ON FIRM GROUND.
 - THE TIMBER MATS SHALL BE ENTIRELY REMOVED (INCLUDING ALL BROKEN PIECES) AS SOON AS POSSIBLE AFTER THE IS WORK IS COMPLETE.
 - AFTER TIMBER MATS HAVE BEEN REMOVED THE DISTURBED AREA SHALL BE RESTORED TO ITS ORIGINAL CONDITION AND ELEVATION, WHICH UNDER NO CIRCUMSTANCES SHALL BE HIGHER THAN THE PRE-CONSTRUCTION ELEVATION. IF IT IS DETERMINED THAT SEEDING WILL BE REQUIRED TO RE-ESTABLISH VEGETATION, A WETLAND SEED MIX CONTAINING ONLY PLANT SPECIES NATIVE TO NEW ENGLAND SHALL BE USED.

PERMITTED USE OF WATERCOURSE CROSSINGS (SEE CONDITIONS OF GENERAL PERMIT)

- 1. LIMIT DISTURBANCE TO THE EXTENT PRACTICABLE WITHIN 100 FEET OF STREAM BANKS.
- 2. CONTROL EROSION DURING USE OF WATERCOURSE CROSSINGS BY UTILIZING EROSION AND SEDIMENT CONTROLS SUCH AS STRAW WATLES, GEOTEXTILE SILT FENCING, AND STRAW BALE BARRIERS.
- 3. MAINTAIN A 25-FOOT-WIDE VEGETATED BUFFER ALONG THE STREAM BANKS WHEREVER POSSIBLE.
- 4. ALL CROSSINGS SHALL BE SUITABLY BRIDGED (SPANNED), OR OTHERWISE DESIGNED AND CONSTRUCTED IN ORDER TO MAINTAIN LOW FLOWS IN ORDER TO SUSTAIN THE MOVEMENT OF AQUATIC SPECIES AND TO PRESERVE HYDRAULIC AND ECOLOGICAL CONNECTIVITY FROM ONE SIDE OF THE CROSSING TO THE OTHER.
- 5. ALL CROSSINGS SHALL BE CONSTRUCTED TO WITHSTAND EXPECTED HIGH FLOWS AND SHALL NOT RESTRICT OR IMPEDE THE PASSAGE OF NORMAL OR HIGH FLOWS.
- 6. THE USE OF CULVERTS IS NOT ALLOWED WITHOUT PRIOR APPROVAL FROM EVERSOURCE LICENSING & PERMITTING STAFF.
- 7. CROSSINGS SHALL BE ENTIRELY REMOVED AS SOON AS POSSIBLE AFTER WORK IS COMPLETE.
- 8. AFTER THE CROSSINGS HAVE BEEN REMOVED THE STREAM BANKS SHALL BE STABILIZED AND REVEGETATED AS REQUIRED. THE INSTALLATION OF TEMPORARY EROSION & SEDIMENT (E&S) CONTROLS MAY BE NECESSARY TO MAINTAIN BANK STABILITY AND MINIMIZE SEDIMENTATION OF THE WATERCOURSE AS VEGETATION BECOMES RE-ESTABLISHED.

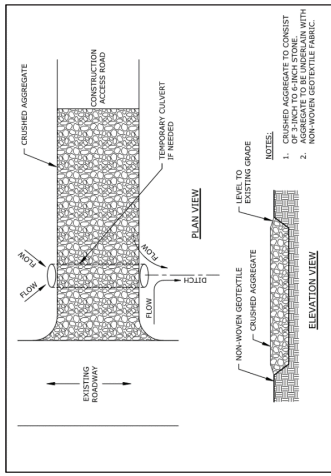
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A	8/11/2025	IP MAPSET

Sources: Best Management Practices Manual for Massachusetts and Connecticut, April 2022
CT General Permit, December 2021
Spill Prevention and Control Plan (SPCP), December 2023

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WATER RESOURCES (WETLANDS, WATERCOURSES, & WATERBODIES) 1. USE OF EQUIPMENT WITHIN WATER RESOURCES SHALL BE MINIMIZED AND EQUIPMENT SHALL NOT BE STORED, MAINTAINED OR REPAIRED IN WETLANDS. 2. WHEN USE OF EQUIPMENT IS REQUIRED WITHIN WATER RESOURCES AND IT IS DETERMINED THAT THE USE OF THE EQUIPMENT COULD RESULT IN A DREDGE OR A FILL OF THE WATER RESOURCE, THE WORK MUST BE AUTHORIZED BY THE DEPARTMENT OF THE ARMY GENERAL PERMITS FOR THE STATE OF CONNECTICUT VIA A SELF VERIFICATION NOTIFICATION FORM (SV) AT LEAST 30 DAYS PRIOR TO THE START OF WORK. SEE THE PERMITTED USE OF TIMBER MATS SECTION FOR MORE INFORMATION. 3. NO GRADING OR REMOVAL OF STUMPS WITHIN THE WETLANDS OR ALONG THE BANKS OF WATERCOURSES AND WATERBODIES IS ALLOWED. 4. REFUELING OF EQUIPMENT SHALL NOT OCCUR WITHIN 100 FEET OF WATER RESOURCES TO THE MAXIMUM EXTENT PRACTICAL. IF REFUELING MUST OCCUR WITHIN 100 FEET OF WATER RESOURCES IT MUST BE DONE AS FAR AWAY AS PRACTICAL, WITH PROVISIONS FOR SECONDARY CONTAINMENT AS APPLICABLE. 5. ALL WOODY DEBRIS SHOULD BE REMOVED FROM WETLANDS UNLESS IT HAS BEEN DETERMINED BY EVERSOURCE VEGETATION MANAGEMENT COMPLIANCE STAFF THAT DROP AND LOP WOULD MINIMIZE DISTURBANCE. 6. WITHIN WETLANDS, MOWING MUST BE KEPT TO A MINIMUM AND COMPATIBLE VEGETATION MUST BE PROTECTED AND RETAINED TO THE MAXIMUM PRACTICABLE DURING ALL WORK, REGARDLESS OF THE REMOVAL/CUTTING METHOD. 7. UNLESS OTHERWISE RESTRICTED, THE CUTTING OF VEGETATION WITHIN 25 FEET OF WATER RESOURCES MUST BE KEPT TO A MINIMUM AND COMPATIBLE VEGETATION MUST BE PROTECTED AND RETAINED TO THE MAXIMUM PRACTICABLE DURING ALL WORK, REGARDLESS OF THE REMOVAL/CUTTING METHOD. 8. WATERCOURSES MUST BE SPANNED ENTIRELY FROM TOP OF BANK ON ONE SIDE TO TOP OF BANK ON THE OTHER. IF THIS IS NOT POSSIBLE, THE WORK MUST BE AUTHORIZED BY THE DEPARTMENT OF THE ARMY GENERAL PERMITS FOR THE STATE OF CONNECTICUT VIA A SV AT LEAST 30 DAYS PRIOR TO THE START OF WORK. SEE THE PERMITTED USE OF WATERCOURSE CROSSINGS SECTION FOR MORE INFORMATION. 9. NO WOODY DEBRIS SHOULD BE PLACED IN STANDING WATER.		VERNAL POOLS (CONTINUED) VERNAL POOL 100' ENVELOPE ("VPE") 1. VEGETATION REMOVAL WITHIN THE VPE SHALL BE AVOIDED TO THE MAXIMUM EXTENT PRACTICABLE DURING THE AMPHIBIAN BREEDING SEASON (APRIL 1 – JUNE 1). 2. DURING VEGETATION REMOVAL, COMPATIBLE SPECIES WITHIN THE VPE MUST BE PROTECTED TO THE MAXIMUM EXTENT PRACTICABLE AT ALL TIMES. USE OF THE FOLLOWING MEASURES IS REQUIRED: • IF VEGETATION MUST BE REMOVED, TO THE MAXIMUM EXTENT PRACTICABLE IT MUST BE DONE SELECTIVELY EITHER BY HAND OR WITH EQUIPMENT THAT CAN REACH IN AND CUT AND REMOVE IT. • NON-SELECTIVE MOWING OF VEGETATION SHALL ONLY BE USED IF IT IS ABSOLUTELY NECESSARY. • IF USE OF EQUIPMENT IS REQUIRED WITHIN THE VPE, TIMBER MATS SHALL BE UTILIZED AT ALL TIMES TO SUPPORT EQUIPMENT AND MINIMIZE SOIL DISTURBANCE, UNLESS OTHERWISE APPROVED BY EVERSOURCE VEGETATION MANAGEMENT STAFF OR THEIR DESIGNATED REPRESENTATIVE. • GIRDLING OR TOPPING OF TREES WITHIN THE VPE SHALL BE CONSIDERED AN ACCEPTABLE PRACTICE WITH THE APPROVAL OF EVERSOURCE VEGETATION MANAGEMENT STAFF OR THEIR DESIGNATED REPRESENTATIVE. • "ACCESS ROUTES" WITHIN THE VPE SHALL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE. USE OF EQUIPMENT SHOULD BE RESTRICTED TO EXISTING ACCESS ROADS AND OTHER IMPROVED SURFACES INSTEAD. • MINIMIZE THE REMOVAL OF LOW GROWING VEGETATION WITHIN 25' OF THE VPD. • USE OF EQUIPMENT AND/OR THE PLACEMENT OF MATS WITHIN 25' OF THE VPD ARE NOT ALLOWED UNLESS THERE ARE SAFETY CONSIDERATIONS THAT DICTATE OTHERWISE. 3. IF USE OF EQUIPMENT IS REQUIRED WITHIN THE VPE DURING THE AMPHIBIAN BREEDING SEASON (APRIL 1 – JUNE 1), ELEVATED TIMBER MATS ARE REQUIRED. 4. CUT VEGETATION, OR PORTIONS THEREOF, MAY BE LEFT IN PLACE WITHIN THE VPE WITH THE APPROVAL OF EVERSOURCE VEGETATION MANAGEMENT STAFF OR THEIR DESIGNATED REPRESENTATIVE. 5. GIRDLING OF TREES WITHIN THE VPE SHALL BE CONSIDERED AN ACCEPTABLE PRACTICE WITH THE APPROVAL OF EVERSOURCE VEGETATION MANAGEMENT STAFF OR THEIR DESIGNATED REPRESENTATIVE. 6. PROTECT EXISTING, DOWNED WOODY DEBRIS TO THE MAXIMUM EXTENT PRACTICABLE, PARTICULARLY WITHIN 25' OF THE VPD. 7. INSTALL AND MAINTAIN EROSION AND SEDIMENTATION (E&S) CONTROL BMPs AS NECESSARY TO PROTECT WATER QUALITY AND TO LIMIT THE POTENTIAL FOR SOIL DEPOSITION INTO A VPD. IF INSTALLATION OF E&S CONTROLS IS NECESSARY DURING THE BREEDING SEASON, USE OF MEASURES SUCH AS SYNCOPATED SILT FENCE SHALL BE USED TO MAINTAIN AMPHIBIAN ACCESS TO AND FROM THE VPD. VERNAL POOL 750' CRITICAL TERRESTRIAL HABITAT ("VPCH") (THIS IS THE AREA WITHIN 100' TO 750' OF THE VPD) 1. MAINTAIN AS MUCH VEGETATION AS POSSIBLE (INCLUDING TREES AND UNDERSTORY VEGETATION) TO PROVIDE A PARTLY CLOSED CANOPY SHADE, DEEP LITTER AND COARSE WOODY DEBRIS. 2. MINIMIZE USE OF EQUIPMENT WITHIN FORESTED AREAS DURING NON-BREEDING SEASON (JUNE 2 – MARCH 31) 3. MINIMIZE DISTURBANCE OF FOREST FLOOR THROUGH USE OF MATTING AND RESTRICT USE OF EQUIPMENT TO CAREFULLY PLANNED ACCESS ROUTES.	
VERNAL POOLS VERNAL POOL DEPRESSION ("VPD") 1. THE VPD MAY NOT BE FLAGGED PRIOR TO THE START OF WORK. IF IT IS NOT, AND CONTRACTOR NEEDS FURTHER DIRECTION REGARDING THE LOCATION OF THE VPD, EVERSOURCE VEGETATION MANAGEMENT STAFF OR THEIR DESIGNATED REPRESENTATIVE SHALL BE CONTACTED. 2. IF VEGETATION MUST BE REMOVED FROM WITHIN THE VPD, IT SHALL NOT BE DONE DURING THE AMPHIBIAN BREEDING SEASON (APRIL 1 – JUNE 1). 3. PLACEMENT OF MATTING OR USE OF EQUIPMENT WITHIN THE VPD ARE NOT ALLOWED AT ANY TIME. 4. HERBICIDE SHALL NOT BE SPRAYED WITHIN THE VPD AT ANY TIME. 5. DURING VEGETATION REMOVAL, COMPATIBLE SPECIES WITHIN THE VPD MUST BE PROTECTED TO THE MAXIMUM EXTENT PRACTICABLE AT ALL TIMES. USE OF THE FOLLOWING MEASURES IS REQUIRED: • IF VEGETATION MUST BE REMOVED, IT MUST BE DONE SELECTIVELY EITHER BY HAND OR WITH EQUIPMENT THAT CAN REACH IN AND CUT AND REMOVE IT. • TREES THAT ARE HAND FELLED MUST THEN BE LIFTED, NOT DRAGGED OUT OF THE VPD. • TREES LOCATED OUTSIDE OF THE VPD SHALL NOT BE FELLED INTO THE VPD UNLESS THERE ARE SAFETY CONSIDERATIONS THAT DICTATE OTHERWISE. • IF CUT VEGETATION, OR PORTIONS THEREOF, CANNOT BE SAFELY LIFTED OUT OF THE VPD IT MAY BE LEFT IN PLACE WITH THE APPROVAL OF EVERSOURCE VEGETATION MANAGEMENT STAFF OR THEIR DESIGNATED REPRESENTATIVE. • GIRDLING OF TREES WITHIN THE VPD SHALL BE CONSIDERED AN ACCEPTABLE PRACTICE WITH THE APPROVAL OF EVERSOURCE VEGETATION MANAGEMENT STAFF OR THEIR DESIGNATED REPRESENTATIVE. 6. DO NOT DISTURB EXISTING, DOWNED WOODY DEBRIS.		Cyclical Vegetation Management and Transmission Right-of-Way Reliability Projects Best Management Practices Detail Sheet 3 of 6	
Sources: Best Management Practices Manual for Massachusetts and Connecticut, April 2022 CT General Permit, December 2021 Spill Prevention and Control Plan (SPCP), December 2023		EVERSOURCE ENERGY BURNS & MCDONNELL	
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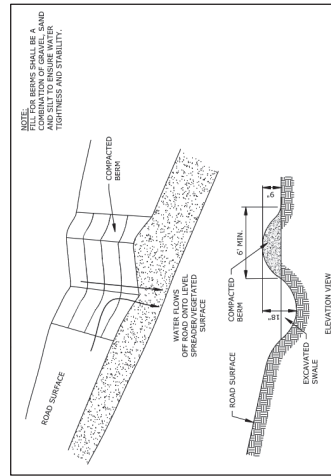


Construction Entrance Track Pad

- Installation:**
- Use 3- to 6-inch washed stone to install stone tracking pads at a minimum length of 50 feet and a minimum depth of 12 inches.
 - On sites with clayey soils, underlay stone tracking pads with a geotextile liner to prevent the stone from sinking into the soil.

- Maintenance:**
- Periodically inspect the stone in the entrance track pad.
 - If the pad becomes clogged with soil, remove and refresh and/or clean stone.

See Section 3.8.3 of the *Eversource BMP Manual* for more information regarding the installation, maintenance, and limitations of this BMP.

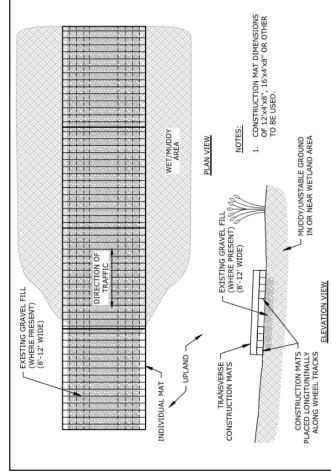


Road Runoff Diversion Water Bars

- Installation:**
- Construct the bar immediately after vegetation has been cleared on constant or slightly increasing grades.
 - Construct sediment traps or outlet stabilization measures, as needed.
 - Seed and mulch diversions that are intended for use for more than 30 days.

- Maintenance:**
- Inspect each week and after rain events.
 - Remove accumulated sediment and debris from the trench and stabilize outlets.

See Section 3.8.3 of the *Eversource BMP Manual* for more information regarding the installation, maintenance, and limitations of this BMP.

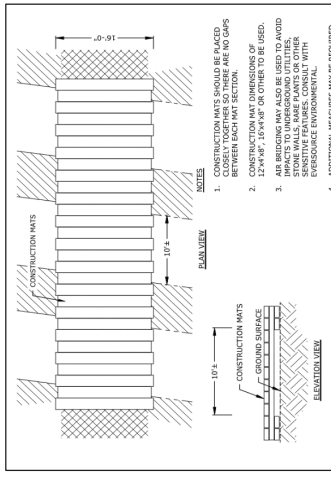


Construction Mat Use

- Installation:**
- Place mats perpendicular to the direction of traffic along the travel area without any gaps.
 - Offset mats far enough from the resource area to prevent ruts when equipment enters and exits a sensitive area.

- Maintenance:**
- Clean mats after use to remove any invasive plant species seed stock.

See Section 3.8.4 of the *Eversource BMP Manual* for more information regarding the installation, maintenance, and limitations of this BMP.



Elevated Construction Mat Road for Animal Crossing

See Section 3.8.4 of the *Eversource BMP Manual* for information regarding the installation, maintenance, and limitations of this BMP.

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Cyclical Vegetation
Management and Transmission
Right-of-Way Reliability Projects

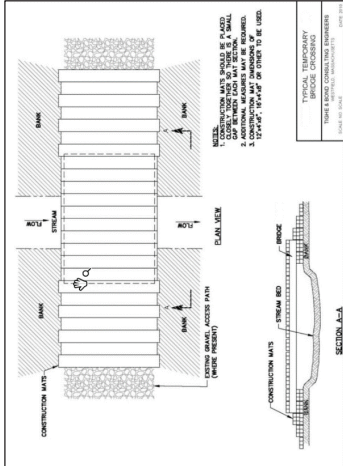
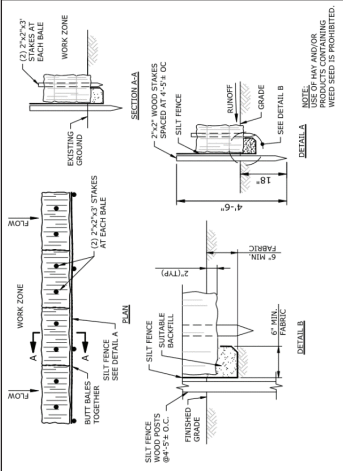
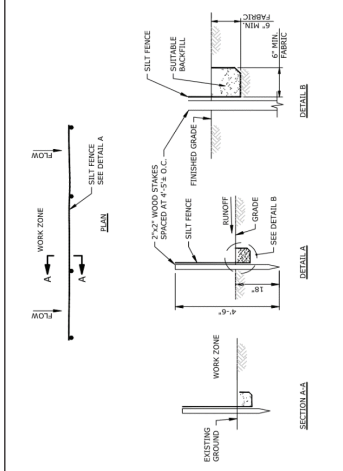
Typical BMP Drawings

Detail Sheet 4 of 6

EVERSOURCE
ENERGY

BURNS
MCDONNELL

Sources: Best Management Practices Manual for Massachusetts and Connecticut, April 2022



Temporary Bridge Crossing

- Installation:
- Place small sections of matting on either side of the stream parallel to the flow of water at top of banks to act as supports.
 - Install non-woven geotextile between first and second layers of mats, especially during winter months when use of sand as a traction aid is not possible.
 - Place mats perpendicular to the stream and resting on top of the initial construction mat supports.

Straw Bale Installation & Use

Installation:

- Install straw bales end-to-end lengthwise along the toe of a slope or along a slope contour with no gaps between them.
- The outer ends of the barrier should be turned slightly upslope.
- If a silt fence is being used with the straw bale barrier, position the silt fence downgradient of the straw bales (strawbales filter first).

Maintenance:

- Inspect before a forecasted storm event and immediately during a prolonged rain event.
- Remove accumulated sediment and properly dispose outside sensitive areas.
- Replace rotted or sediment-covered bales when necessary.

- Installation:**
- Install straw bales end-to-end lengthwise along the toe of a slope or along a slope contour with no gaps between them.
 - The outer ends of the barrier should be turned slightly upslope.
 - If a silt fence is being used with the straw bale barrier, position the silt fence downgradient of the straw bales (strawbales filter first).
- Maintenance:**
- Inspect before a forecasted storm event and remove debris daily during a prolonged rain event.
 - Remove accumulated sediment and properly dispose outside sensitive areas.
 - Replace rotting or sediment-covered bales when necessary.

Silt Fence Installation & Use

Installation:

- Install silt fence along the toe of a slope or along a fairly level contour with the outermost edges directed upslope.
- The silt fence should be as far away from downgradient sensitive areas, and as close to the work areas as construction limitations allow in order to disturb as little area as possible.
- If a silt fence is being used with the straw bale barrier, position the silt fence downgradient of the straw bales (straw bales filter first).

Maintenance:

- Inspect frequently and replace or repair as needed.
- Routinely remove and properly dispose of sediment buildup in a stable upland area, outside of sensitive areas.

- **Installation:**
 - Install silt fence along the toe of a slope or along a fairly level contour with the outermost upslope directed upslope.
 - The silt fence should be as far away from downgradient sensitive areas, and as close to the work areas as construction limitations allow in order to disturb as little area as possible.
 - If a silt fence is being used with the straw bale barrier, position the silt fence downgradient of the straw bales (straw bales filter first).
- **Maintenance:**
 - Inspect frequently and replace or repair as needed.
 - Routinely remove and properly dispose of sediment buildup in a stable upland area, outside of sensitive areas.

Installation:

- Install prior to disturbing soil in the upgradient drainage area.
- Install so that the ends of each row of wattles on a slope are slightly turned downhill.
- Drive a stake directly through the wattle approximately every ten feet.

Maintenance:

- Inspect wattles routinely and after rain events.
- Repair as needed with additional wattles and/or stakes.
- Remove sediment deposits when they reach half the height of the wattle.
- Repair or reshake wattles when they have eroded or have become sediment clogged or ineffective.

- **Installation:** Install prior to disturbing soil in the upgradient drainage area.
- Install so that the ends of each row of wattles on a slope are slightly turned downhill.
- Drive a stake directly through the wattle approximately every ten feet.
- **Maintenance:**
 - Inspect wattles routinely and after rain events.
 - Repair as needed with additional wattles and/or stakes.
 - Remove sediment deposits when they reach half the height of the wattle.
 - Repair or reshape wattles when they have eroded or have become sediment clogged or ineffective.

See Appendix A, Figure 26 of the Eversource BMP Manual for more information regarding the installation, maintenance, and limitations of this BMP.

[illegible]

Cyclical Vegetation
Management and Transmission
Right-of-Way Reliability Projects

Typical BMP Drawings

Detail Sheet 5 of 6

Sources: Best Management Practices Manual for Massachusetts and Connecticut, April 2022

SPECIES PROTECTION MEASURES TO BE FINALIZED UPON RECEIPT OF NDDB FINAL DETERMINATION

NO.	DATE	DESCRIPTION
A	8/11/2025	IP MAPSET

Cyclical Vegetation
Management and Transmission
Right-of-Way Reliability Projects

State-Listed Species Best
Management Practices & State
Land Work Requirements

Detail Sheet 6 of 6





Land Record Filing*

To: DO NOT FILE

Signature and

NOTE: Due to the electronic delivery of this license and the legal requirement to have a live signature on this document, the “Land Record Filing” as detailed in General Condition #1 will be sent to the Licensee via U.S. Mail for the Licensee to file with the city/town clerk.

Date:

Subject: _____
License # _____

If you have any questions pertaining to this matter, please contact the Land & Water Resources Division at 860-424-3019.

Return to:

~~Land & Water Resources Division~~
~~State of Connecticut~~
~~Department of Energy & Environmental Protection~~
~~79 Elm Street~~
~~Hartford, CT 06106-5127~~

*The Licensee shall file the Land Record Filing on the land records of the municipality in which the subject property is located not later than thirty (30) days after license issuance pursuant to Connecticut General Statutes (CGS) Section 22a-363g. A copy of the Notice with a stamp or other such proof of filing with the municipality shall be submitted to the Commissioner no later than sixty (60) days after license issuance.



LWRD Work Commencement Form

To: DEEP.LWRDRegulatory@ct.gov or
Regulatory Section
Department of Energy and Environmental Protection
Land & Water Resources Division
79 Elm Street
Hartford, CT 06106-5127

Licensee Name: CL&P dba Eversource Energy

Municipality in which the project is occurring: Windsor, South Windsor, East Hartford

DEEP License No(s): 202506306-WQC

CONTRACTOR(s):

1 Name: _____
Address: _____
Telephone: _____
E-mail: _____

2 Name: _____
Address: _____
Telephone: _____
E-mail: _____

3 Name: _____
Address: _____

Date Contractor(s) received a copy
of the license and approved plans: _____

EXPECTED DATE OF COMMENCEMENT OF WORK: _____

EXPECTED DATE OF COMPLETION OF WORK: _____

LICENSEE: _____
(Signature) (Date)



Compliance Certification Form

The following certification must be signed by the licensee working in consultation with a Connecticut-licensed design professional and must be submitted to the address indicated at the end of this form within ninety (90) days of completion of the authorized work.

1. Licensee Name: <u>CL&P dba Eversource Energy</u>	
DEEP License Number(s): <u>202506306-WQC</u>	
Municipality in which project is occurring: <u>Windsor, South Windsor, East Hartford</u>	
2. Check one:	
(a) ☐ "I certify that the final site conditions and / or structures are in general conformance with the approved site plans". Identify and describe any deviations and attach to this form.	
(b) ☐ "The final site conditions and / or structures are not in general conformance with the approved site plans. The enclosed "as-built" plans note the modifications".	
3. "I understand that any false statement in this certification is punishable as a criminal offence under section 53a-157b of the General Statutes and under any other applicable law."	
_____ Signature of Licensee	_____ Date
_____ Name of Licensee (print or type)	
_____ Signature of CT-Licensed Design Professional	_____ Date
_____ Name of CT-Licensed Design Professional (print or type)	
_____ Professional License Number (if applicable)	Affix Stamp Here
- As-built plans shall include: elevations or tidal datums, as applicable, and structures, including any proposed elevation views and cross sections included in the approved license plans. Such as-built plans shall be the original ones and be signed and sealed by an engineer, surveyor or architect, as applicable, who is licensed in the State of Connecticut. - The Licensee will be notified by staff of the Land and Water Resources Division (LWRD) if further compliance review is necessary. Lack of response by LWRD staff does not imply compliance. Submit this completed form to : DEEP.LWRDRegulatory@ct.gov or Regulatory Section Department of Energy and Environmental Protection Land & Water Resources Division 79 Elm Street Hartford, CT 06106-5127	