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December 29, 2016

Mr. Robert Stein, Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

**Subject: Docket No. 466, Frost Bridge to Campville 115-kV Project
Decision and Order Condition #4 – Independent Environmental Inspector Report**

Dear Mr. Stein,

Please find enclosed the biweekly Independent Environmental Inspector Report, Report #1, for the **December 15th** and **December 21st 2016**, inspection events for the construction of the Eversource Frost Bridge to Campville 115-kV Project.

If you have any questions, please contact me at kobrion@trcsolutions.com or (508) 298-1009.

Sincerely,

Kevin M. O'Brion
Environmental Scientist/Project Manager
TRC Environmental Corp.

Enclosure

cc- Kathleen Shanley (email), Eversource
TRC Files
Paul Cyr-TRC

Docket No. 466- Development and Management Plan Inspection

The Connecticut Siting Council (CSC) issued to the Connecticut Light and Power Company (d.b.a. as Eversource Energy [Eversource]) a Certificate of Environmental Compatibility and Public Need (Certificate) for the Frost Bridge to Campville 115-kV Project (Project). For the Project, Eversource is in the process of constructing a new 10.4-mile, primarily overhead electric transmission line between its Frost Bridge Substation in the Town of Watertown and its Campville Substation in the Town of Harwinton, and also is making minor related modifications to both substations and to a 0.4-mile segment of two existing 115-kV lines (the 1191 and 1921 lines) at the Naugatuck River crossing in the towns of Litchfield and Harwinton. These electrical system modifications are located within Eversource's existing right-of-way (ROW) or substation properties in Litchfield County, Connecticut. Pursuant to the CSC's approval of the Project, this report presents the results of the bi-weekly inspections of the Project's conformance to the CSC-approved Development & Management (D&M) Plans, performed by the CSC's independent environmental inspector pursuant to Certificate Condition 4.

ROW/SUBSTATIONS

Interim Week Inspection:

Date: 12/15/2016

Inspector: Paul Cyr

Rain Event: Snow Squalls

Locations Inspected (by Town, D&M Plan Map Sheet, and Structure Number/Site):

- Harwinton, Map sheet 35, Campville Substation,
- Project Laydown Area,
- Watertown, Map sheets 6,7,8,9, Str16 - Str23,
- Harwinton, Map sheet 32, Str87,

Work Observed: (by D&M Plan Map Sheet and Structure Number / Site) No project work observed today, areas inspected were cleared the previous week.

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 12/21/2016

Inspector: Paul Cyr

Rain Event: None

Locations Inspected (by Town, D&M Plan Map Sheet, and Structure Number/Site):

- Harwinton, Map Sheet 35, Campville Substation,
- Harwinton, Map Sheets 33, 34, 35, Str92 through Str95, (Includes areas of W-F14, W-F15, S-F12, S-F14, VP F14-1, AND VP-F15-1)

Work Observed: (by D&M Plan Map Sheet and Structure Number / Site) No project work observed today, areas inspected were cleared following the last inspection on 12/15/16. ROW clearing and access road construction is occurring off the northbound side of Route 8 going to Str86, Str3171, and Str3236, (Map Sheet 31A). TRC did not inspect this area yet due to limited access (off Route 8) and the extensive use of heavy equipment within a relatively small area.

Areas of Inspection		Observation:	Recommended Action:	Corrected Action:
Access Roads and Adjacent Roadways	Interim Week	Temporary access road construction east of the Campville Substation Expansion Area. Stone base construction, appears clean, no sediment buildup, no standing water or ice hazards.	No issue/s observed. Continue to monitor road conditions throughout use.	N/A
	Bi-Week	None observed	N/A	N/A
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	Clearing occurred in the areas of the Campville Substation, Str16 through Str23, and Str87. Clearing limits are flagged and visible, no over clearing was observed in the areas listed above. Select areas of vegetation near Str23 were left in place pending further discussion with adjacent property owner. The owner confronted Eversource's Project clearing contractor (Northern Clearing) while they were mowing the area. According to Eversource representatives, the landowner raised questions pertaining to the property owner's fruit bearing trees and greenhouses located within/near the ROW. Encounter discussed at morning tailgate briefing.	No issue/s observed	N/A
	Bi-Week	ROW clearing occurred in the areas of Str92 through Str95. Clearing limits were flagged, wetlands and vernal pools were flagged and visible. The area was snow and/or ice covered at the time of this Site walk.	No issues/s observed	N/A

Water Crossings	Interim Week	In the area of the proposed culvert replacement (Map Sheet 32), Northern constructed a temporary water crossing using a double layer of timber mats. The crossing falls within the proposed access road construction limits. The crossing was placed to access upland work areas and for Terracon (Eversource's Project geotechnical survey consultant) to perform geotechnical borings in the area. Area is flagged and visible. Clearing in this area was kept to a minimum and within designated limits.	No issue/s observed. Continue to monitor conditions of mats and surrounding ground conditions.	N/A
	Bi-Week	None observed	N/A	N/A

Erosion and Sedimentation Controls	Interim Week	Silt fence was placed east of Campville Substation’s proposed Expansion limits, along eastern edge of the temporary access road (Map Sheet 35). The access road extends beyond the west corner of the substation fence line (Not shown on Map sheet 35). The silt fence is properly installed and effectively placed.	No issue/s observed. Continue to monitor conditions of silt fence and surrounding ground conditions.	N/A
	Bi-Week	Campville Substation expansion area work occurring, silt fence in place and maintained.	No issue/s observed. Continue to monitor conditions of silt fence and surrounding ground conditions.	N/A
Inland Wetland and Watercourse encroachment and mitigation	Interim Week	Flagging was observed and the defined limits identifiable at the following area: W-B2, W-B3, W-B4, W-B5, W-B6, W-B7, W-B8, W-B9, W-B10, W-B11, W-F-11, W-F12, S-F-10, VP-B2-1, and VP-B4-1. During inspection of areas where Northern Clearing was performing vegetation removal in upland areas near Str87, TRC observed ground disturbance (equipment tracks) within a flagged wetland area (W-F12). The track marks were determined to have been caused by a Terracon drill rig, which apparently passed through the south end of W-F12 in a northwest to southeast direction toward the proposed location of a pull pad.	Restoration of disturbed area within W-F12. Suggest providing additional Site orientation/training (Specifically BMP’s) with Terracon personnel. Matt Davison indicated that the area would be hand raked and straw placed over the restored area for stabilization.	Status pending due to existing snow cover from snowfall event on 12/16/16. No erosion concerns at this time. See Photo #7 provided by Matt Davison (Davison Environmental).

Inland Wetland and Watercourse encroachment and mitigation	Bi-Week	<p>According to Eversource representatives, Terracon had been authorized to access Str. 87 via uplands only to perform geotech surveys, and had received site-specific training on-site to that effect. (Refer to photos 5 and 6 below.)</p>		
Spills and Material Storage	Interim-Week	None observed	N/A	N/A
	Bi-Week	None observed	N/A	N/A

Rare, Threatened, and Endangered Species	Interim Week	None observed	N/A	N/A
	Bi-Week	None observed	N/A	N/A

Additional Documentation
Comments: Notes for (DATE):

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Notes for (DATE):


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Open Items from previous inspections: Ground disturbance within W-F12, restoration pending due to site conditions (snow cover).

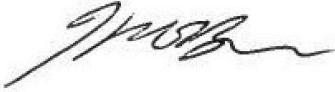
Closed Items from previous inspections:

Next likely scheduled inspection: 12/30/2016

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Independent Field Inspector: 

TRC: Paul Cyr

Reviewer: 

TRC: Kevin O'Brien



Photo #1: 12/15/16-Temporary Access Road construction and installed silt fence east of the Campville Substation Expansion Area, Town of Harwinton.



Photo #2: 12/15/16-ROW clearing, area of Str 16 through 18



Photo #3: 12/15/16-ROW clearing, area of Str 21 through 23



Photo #4: 12/15/16- Ground disturbance (track marks) approaching wetland W-F12



Photo #5:12/15/16- Ground disturbance (track marks) within wetland W-F12, area clearly flagged



Photo #6: 12/15/16-Ground disturbance (track marks) within wetland W-F12, area clearly flagged



Photo #7: Current conditions as of 12/19/16, snow cover preventing restoration activities within wetland W-F12
Photo provided by Matt Davison

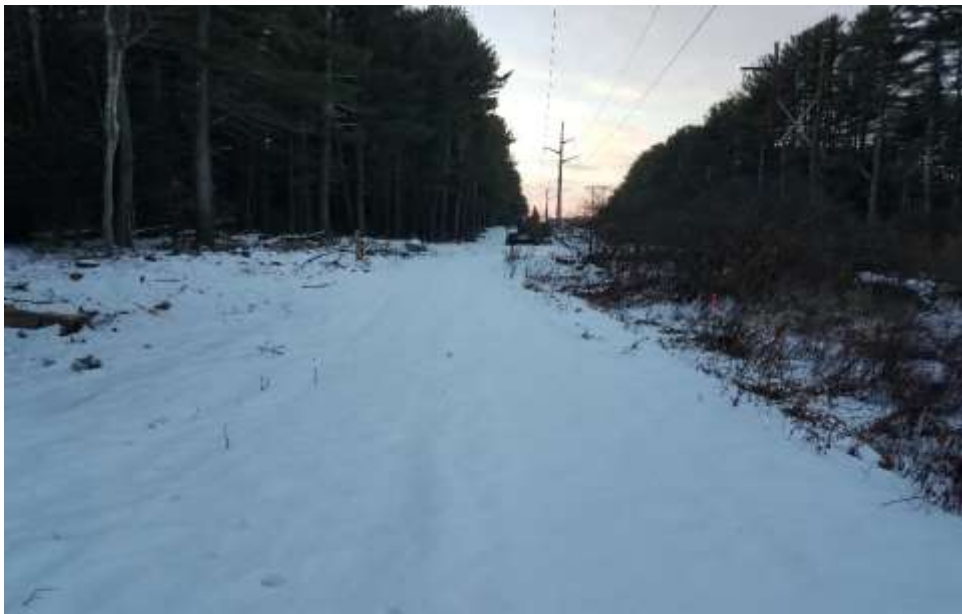


Photo #8: 12/21/16- ROW clearing, area of Str92 through Str95



Photo #9: 12/21/16- ROW clearing, area of Str92 through Str95



Photo #10: 12/21/16- ROW clearing, area of Str92 through Str95, flagged sensitive area