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January 16, 2017

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 #2, for the **January 5<sup>th</sup>** and **January 12<sup>th</sup> 2017**, inspection events for the construction of the Eversource Frost Bridge to Campville 115-kV Project.

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

Sincerely,

Mass

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 Harwington, 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: 1/5/2017

Inspector: Paul Cyr

### **Rain Event: None**

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

• Harwinton, Map 35, Campville Substation Exp., and area of Str97, Str96, Str95;

- Harwinton, Map 34, area of Str94, Str93, Str92;
- Harwinton, Map 33, area of Str91, and Str90.
- · Harwinton, Project Laydown Area

Work Observed: (by D&M Plan Map Sheet and Structure Number/Site)

No active work observed during this Site inspection. Inspection consisted of walking areas cleared during the previous weeks, last inspection performed on 12/21/2016.

Mowing and tree removal completed from the Campville Substation south to wetland W-G1, from Str94 south to Str90, Valley Road north to Str87, and Str 86 is substatially complete. Rock drilling and blasting has been occuring in the area of Str86.

# ROW/SUBSTATIONS

**Bi-Weekly Week Inspection:** 

## Date:1/12/2017

Inspector: Paul Cyr

Rain Event: 1/11/17 (light showers),

#### Locations Inspected (by Town, D&M Plan Map

Sheet, and Structure Number/Site):

- •Thomaston, Map19, area of Str52-Str54
- •Thomaston, Map 20, area of Str55-Str57
- •Thomaston/Litchfield, Map 25, area of Str70-Str72
- •Litchfield, Map 26, area of Str73-Str75
- •Litchfield, Map 27, area of Str76 and Str77
- •Litchfield, Map 31, area of Str86
- •Harwinton, Map 32, Str87, W-F12 and S-F11
- •Harwinton, Map 33, area of Str90 and Str91
- •Harwinton, Map 34, area of Str92

Work Observed: (by D&M Plan Map Sheet

and Structure Number/Site)

Mechanical clearing was observed in area of Str70 through Str72 (Thomaston, Map 25), and Str73 through Str75 (Litchfield, Map 26). Work pad construction was observed in the area of Str90 through Str92 (Harwinton, Map 33 and 34), and Str87 (Harwinton, Map 32). Access road construction was observed in area of Str86 (Litchfield, Map 31).

Mechanical clearing occured since the last inspection on 1/5/2017 occured in the areas of Thomaston, Map19, area of Str52-Str54, Thomaston, Map 20, area of Str55-Str57, Litchfield, Map 27, area of Str76 and Str77, Litchfield, Map 31, area of Str86, Harwinton, Map 32, Str87, W-F12 and S-F11, Harwinton, Map 33, area of Str90 and Str91, and Harwinton, Map 34, area of Str92

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
icent Roadways	Interim Week	Access roads in the area of the Campville Substation, Str95 south to Str90 were clear and maintained at the time of this Site visit. A gravel apron was being constructed at the entrance to Str94 off Wildcat Road	N/A	N/A
Access Roads and Adjacent Roadways	Bi-Week	Access road construction was observed in the area of Str86. Rock blasting was performed over the previous week/s, and rock and soil removed to construct access road and pad areas. Slight amount of surface water runoff from snow melt. No erosion of surface materials observed.	Continue to monitor slope drainage and stabilization.	N/A
save or danger trees noted.	Interim Week	Mowing and tree clearing is is occuring within the designated flagged areas. no out of limit clearing was observed.	N/A	N/A
Vegetative Clearing Limits (Including trees to save	Bi-Week	Mechanical clearing was observed in areas of Str50 - Str54, Str55 - Str57, Str70 - Str72, Str73 - Str75 and Str76 - Str77. Areas were flagged, wetlands and other sensitive areas were not impacted by activites. All clearing occured within limits.	None at this time	N/A

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		#2 1/5/2017 and 1/12/2017			
		N/A	N/A	N/A	
Water Crossings	Interim Week				
	Bi-Week	Temporary water crossing constructed in the area of the proposed culvert conctruction (Harwinton, Map 32), mats maintained and clear of loose debris and mud. No visible impact to stream observed.	Continue to maintain, and clear of excess debris and mud from tracking.	N/A	

		-	•	#2 1/3/2017 ana 1/12/2017
Erosion and Sedimentation Controls	Interim Week	E&S controls (silt fence) in the area of the Campville Substation were maintained and no sediment movement was observed. Silt fence was properly installed down gradient of Str97,	Continue to monitor .	N/A
	Bi-Week	N/A	N/A	N/A
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	Clearing activities have maintained a 25-foot buffer zone from all sensitive areas. No impacts observed.	Continue to monitor.	N/A

r		1		1/5/2017 and 1/12/2017
Inland Wetland and Watercourse encroachment and mitigation ( <i>Continued from previous page</i> )	Bi-Week	Clearing activities have maintained a buffer zone from all sensitive areas. no impacts observed. Restoration to the areas of W- F12 and S-F11 was perfomed. Ground disturbance restoration was performed by raking out the equipment track marks to match surrounding grades and placing straw to stabilize the area. See photo #13	Continue to monitor.	N/A
Spills and Material Storage	Interim-Week	None observed.	N/A	N/A
Spills and	Bi-Week	None observed.	N/A	N/A

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				1/3/2017 ana 1/12/2017
		None observed.	N/A	N/A
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Rare, Threatened, and Endangered Species		None observed.	N/A	N/A
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		mentation Comments: Notes for (		
currently being utilized. Orange construction fence (4-foot high) was placed around a portion of a delineated wetland to ensure activites do not impact the area.				
Notes for (DATE):				
Open Items from previous inspections:				
Closed Items from previous inspections:				
1/12/2017: Harwinton, Map 32, Ground disturbance within W-F12, restoration performed. Drill rig track marks raked out and straw placed to stabilize area of disturbance, see attached photo #13.				

### Next likely scheduled inspection: 1/19/2017

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:**

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**Reviewer:** 

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Photo #1: 1/5/17: Harwinton, Map 35, Campville Substation Expansion progress



Photo #2: 1/5/2017: Harwinton, Map 35, Campville Substation Expansion progress

1/5/2017 and 1/12/2017 Frost Bridge - Campville Project Inspection Photographs Watertown, CT- Harwinton, CT CSC Report #2, *Page 8 of 14* 



Photo #3: 1/5/2017: Harwinton, Map 35, Str97, E&S controls (Silt Fence) installed at tree line



Photo #4: 1/5/2017: Harwinton, Map 35, Str97, partial access road, 25-foot buffer from wetlands W-G1

1/5/2017 and 1/12/2017 Frost Bridge - Campville Project Inspection Photographs Watertown, CT- Harwinton, CT CSC Report #2, Page **9** of **1**4



Photo #5: 1/5/2017: Harwinton, Map 33, photo taken facing north from pull pad area toward Str92, Str93 and Str94, clearing and tree removal completed, tree stumps removed, wood chips to stabilize area



Photo #6: 1/5/2017: Harwinton, Map 33, Photo facing south from pull pad area toward Str91 and Str90, clearing and tree removal completed, wood chips to stabilze area

1/5/2017 and 1/12/2017 Frost Bridge - Campville Project Inspection Photographs Watertown, CT- Harwinton, CT CSC Report #2, Page **10** of **1**4



Photo #7: 1/12/2017: Harwinton, Map 33, Photo facing Str90



Photo #8: 1/12/2017: Harwinton, Map 33, Str90 pad construction in progress

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Photo #9: 1/12/2017: Harwinton, Map 32, temporary water crossing, proposed culvert area



Photo #10: 1/12/2017: Litchfield, Map 31, access road construction to Str86

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Photo #11: 1/12/2017: Litchfield, Map 31, access road construction to Str86



Photo #12: 1/12/2017: Litchfield, Map 31, access road construction to Str86

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Photo #13: 1/12/2017: Harwinton, Map 32, W-F12/S-F11 ground disturbance restoration

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