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January 31, 2018

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 #30, for the **January 19th** and **January 26th, 2018**, 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: 01/19/2018

Inspector: Paul Cyr

Rain Event:

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

The inspection was canceled due to Site conditions (frost and snow cover throughout the ROW). Conditions are that ground frost and/or present snow cover, as well as weeks of consistently cold air temperatures (below freezing) in the towns for which the ROW is located, does not allow for safe access to most areas of the ROW. Additionally, the likeliness of soil erosion occurring under these conditions is very unlikely. The next inspection is tentatively scheduled for 01/26/18.

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

N/A

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 01/26/2018

Inspector: Paul Cyr

Rain Event:

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

- Watertown, Map 09-16, Str24-Str44
- Watertown, Map 01, Str1A-Str2, Str3080
- Thomaston, Map 18-20, Str50-Str57
- Thomaston, Map 22, Str63-Str64
- Litchfield, Map 26, Str73, and Wetland W-E2
- Litchfield, Map 29, Str81-Str83
- Harwinton, Map 35, Str96-Str95
- Litchfield, Map 30, Str85
- Litchfield, Map 31, Str86, Str3171, Str3236

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

No work occurring at this time. Inspected areas most likely impacted by the several cycles of snowfall and snow melt that occurred since the last inspection on 01/11/2018.

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
Access Roads and Adjacent Roadways	Interim Week	N/A	N/A	
	Bi-Week	Ice covering portions of access roads. The most severe condition is on the access road between Str44 and Str45, ice is covering the full width and more than 200-feet in length (see photo 1). ↓	Make area safe. State Designated Recreation Trail abuts the access road. The trail, pedestrian access, and vehicle ROW access are impacted.	PENDING
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	CONTINUED FROM ABOVE SECTION- The access road below Str73 down to W-E2 is ice covered and rills are visible (see photo 2). Surface water flow from upland drainage and non-stabilized Str73 pad area. Water flow was observed flowing below the ice sheet at the time of this inspection.		
	Bi-Week	N/A	N/A	

Water Crossings	Interim Week	N/A	N/A	
	Bi-Week	Timber mats in place. Some minor sediment buildup at this time. No immediate impacts to wetlands/watercourses at this point.	N/A	

Erosion and Sedimentation Controls	Interim Week	N/A	N/A	
	Bi-Week	Silt fence failure was observed at Str1A and Str2 (see photos 5 & 6). Additional E&S controls should be addressed at Str85 (pad and slope stabilization, and tracking pad or stabilization on the access road at Rt. 8. see photos 3 & 7). Surface water flow conditions at Str27-Str28 (area should be regraded so that flow is directed to swale) →	(see photo 4). Surface water flow over the access roads below Str44 (between Str44 and Str45), and in the area below Str73 down to W-E2 (see photos 1 and 2), should be diverted and controlled (water bars and sediment traps upland of condition).	PENDING
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	N/A	N/A	
	Bi-Week			

Inland Wetland and Watercourse encroachment and mitigation (<i>Continued from previous page</i>)	Bi-Week	N/A	N/A	
	Spills and Material Storage	Interim-Week	N/A	N/A
Bi-Week		No active work occurring. None reported, none observed.	N/A	

Rare, Threatened, and Endangered Species	Interim Week	N/A	N/A	
	Bi-Week	N/A	N/A	

**Additional Documentation
 Comments:**

Notes:

Due to winter conditions, BluRoc has demobilize personnel and equipment for the winter months and will only be on-site when issue/s arise (on-call services only). BluRoc will resume final stabilization/seeding in the spring/summer months or as soon as conditions permit work to continue. Weekly inspections will continue through the winter months, weather permitting. If an inspection is canceled by the 3rd Party Independent Inspector, the corresponding report will still be generated and the reason for the cancellation discussed in the report.

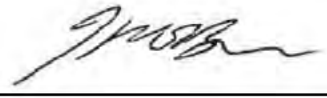
Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection: 02/02/2018 _____

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: _____ 

Reviewer: _____ 

Photograph Log Frost Bridge to Campville 115kV Project



Photo 1: 01/26/2018, Watertown: Map 15, ice sheet on the access road between Str44 and Str45.



Photo 2: 01/26/2018, Litchfield: Map 26, ice sheet and visible rills on the access road below Str73 down to wetland W-E2, runoff from upland drainage and from the pad for structure Str73.

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Photograph Log

Frost Bridge to Campville 115kV Project



Photo 3: 01/26/2018, Litchfield: Map 31, access road to Str85 of Route 8 north, visible tire ruts and sedimentation.



Photo 4: 01/26/2018, Watertown: Map 26, ice sheet and minor slope erosion at Str27-Str28, caused by drainage from W-C3 across the access road and over the pad for Str28. Due to surface grades the drainage is not getting to the rip rap swale that runs through the middle of the combined Str27-Str28 pad (swale can be seen in the photo in distance past the ice sheet).

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Photograph Log
Frost Bridge to Campville 115kV Project



Photo 5: 01/26/2018, Watertown: Map 01, Str2 pad, failed silt fence at toe of slope abutting S-A1 and sedimentation into watercourse, non-stabilized slope and pad.



Photo 6: 01/26/2018, Watertown: Map 01, Str1A pad, failed silt fence at toe of slope, significant rills for a great distance down gradient towards Connecticut Designated Wetland Area.

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Photograph Log
Frost Bridge to Campville 115kV Project



Photo 7: 01/26/2018, Litchfield: Map 30, Str85, significant rill formed and slope erosion visible, non-stabilized pad and slope.

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