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February 14, 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 #31, for the **February 1st** and **February 9th, 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,

A handwritten signature in black ink, appearing to read 'Kevin M. O'Brion', written in a cursive style.

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: 02/01/2018

Inspector: Paul Cyr

Rain Event:

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

- Watertown, Map 01, Str1A-Str2, Str3080
- Thomaston, Map 22-24, Str63-69
- Thomaston/Litchfield, Map 25-26, Str70-73, W-E2/S-E3
- Litchfield, Map 29, Str81-Str83
- Harwinton, Map 35, Str97-Str95
- Litchfield, Map 30, Culvert replacement below Str85

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

No active work observed. Site activity has stopped for the winter months with the exception of on-call services for priority repairs.

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 02/09/2018

Inspector: Paul Cyr

Rain Event:

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

- Harwinton, Map 35, Str97-Str95
- Litchfield, Map 30, Culvert replacement below Str85
- Litchfield, Map 29, Str81-Str83
- Litchfield, Map 28, Str78
- Litchfield, Map 26, Str73, W-E2/W-E3/S-E3
- Thomaston, Map 17, Str47-Str48
- Watertown, Map 06, Str14-Str15
- Watertown, Map 06-08, Str16-Str21
- Watertown, Map 01, Str2

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

No active work observed. Site activity has stopped for the winter months with the exception of on-call services for priority repairs and weekly inspections. Winter conditions are site wide. Ice and snow cover on steep slopes are preventing inspections to a couple of the ROW areas, Str27-Str46 for example. For safety reason these areas will only be inspected periodically when weather permits and access road conditions improve.

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
Access Roads and Adjacent Roadways	Interim Week	Seasonal impacts (snow/ice covered, minor rills, surface water runoff, and sediment erosion due to thaws) were observed throughout the ROW. See photo #1, Str73 (Litchfield, Map 26).	Observed conditions are minor at this time, and not impacting wetlands or watercourses. Corrective actions can be performed during restoration when warmer conditions allow.	Areas identified during the inspection will be placed in a project Excel Table with other project items that are to be addressed based on priority and when seasonal conditions allow.
	Bi-Week	Observed no significant changes in overall site conditions. See above Interim Week observations.	See above	See above
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	N/A	N/A	
	Bi-Week	N/A	N/A	

Water Crossings	Interim Week	Hard bottom crossing restoration completed at S-E3 (Thomaston, Map 25), see Photo #2.	N/A	N/A
	Bi-Week	No significant changes observed in overall site conditions. Timber mat and hard bottom crossings were functional and maintained.	N/A	

Erosion and Sedimentation Controls	Interim Week	<p>Corrective actions: Silt fence at Str02 and S-A1 has been repaired (see Photo #3). Silt fence at Str01 upland of the CT Designated Wetland has been repaired (see Photo #4).</p> <p>Silt Fence repairs needed at: -Str69 upland of W-D14 (Photo #5) -Str71 upland of W-E2 (Photo #6) -Str97 below pad, upland of W-G1 (Photos # 7 & 8).</p>	<p>Due to current site conditions, access issues, and the low level potential at this time for impacts to wetlands and/or watercourses, the silt fence repairs needed at Str69, 71, and 97, can be postponed until conditions are more suitable to perform corrective actions. Until such actions can be</p>	<p>performed, these areas will be monitored and if conditions degrade, impacts or eminent impacts are observed, corrective actions will be required immediately.</p>
	Bi-Week	<p>Areas inspected appeared to be stabilized. Minimal snow cover at this time. Ice cover, minimal snow melt, and light surface water flow/drainage, is present in many areas or the ROW. Frost layer is site wide with temperatures remaining at/or around freezing during daylight and in the 20's to low 30's overnight.</p>	N/A	
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	<p>Not observed at the time of this inspection.</p>	N/A	

<p>Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</p>	<p>Bi-Week</p>	<p>Not observed at the time of this inspection.</p>	<p>N/A</p>	
<p>Spills and Material Storage</p>	<p>Interim-Week</p>	<p>None observed, none reported.</p>	<p>N/A</p>	
	<p>Bi-Week</p>	<p>None observed, none reported. No active work on site at this time.</p>	<p>N/A</p>	

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: 02/15/2018 _____

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: 02/01/2018, 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.



Photo 2: 02/01/2018, Thomaston: Map 25, Hard bottom crossing restoration at S-E3 completed.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
02/01/2018	Paul Cyr	8 of 11	Watertown to Harwinton	Interim Report #31	

**Photograph Log
Frost Bridge to Campville 115kV Project**



Photo 3: 02/01/2018, Watertown: **CORRECTIVE ACTION:** Map 01, Str2 pad, failed silt fence at toe of slope abutting S-A1 repaired. Failure reported in Biweekly Report #30 dated 1/26/2017.



Photo 4: 02/01/2018, Watertown: **CORRECTIVE ACTION:** Map 01, Str1A pad, failed silt fence off of the pad upland of the Connecticut Designated Wetland. Failure reported in Biweekly Report #30 dated 1/26/2017.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
02/01/2018	Paul Cyr	9 of 11	Watertown to Harwinton	Interim Report #31	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 5: 02/01/2018, Thomaston: Map 24, toe of pad at Str69 upland of W-D14, silt fence repairs needed. No visible indications of ground movement observed at this time.



Photo 6: 02/01/2018, Thomaston: Map 25, toe of pad at Str71 abutting W-E2/S-E3, Minor silt fence repairs needed. No visible indications of ground movement observed at this time.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
02/01/2018	Paul Cyr	10 of 11	Watertown to Harwinton	Interim Report #31	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 7: 02/01/2018, Harwinton: Map 35, below Str97 and upland of W-G1/S-G3, silt fence repairs needed. No visible indications of ground movement observed at this time and full veg growth present. Area appears stabilized and silt fence may be removed if work in the upland area has been completed.



Photo 8: 02/01/2018, Harwinton: Map 35, between Str97 and Str96, silt fence line butting W-G1/S-G3 and the access road, silt fence repairs needed. No visible indications of ground movement observed at this time and veg growth present.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
02/01/2018	Paul Cyr	11 of 11	Watertown to Harwinton	Interim Report #31	