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November 27, 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 #25, for the **November 9th** and **November 17th, 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 kobrion@trcsolutions.com or (508) 298-1009.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin M. O'Brion".

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: 11/09/2017

Inspector: Paul Cyr

Rain Event:

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

- Watertown, Maps 09-16, Str24 to Str46
- Harwinton, Map 35, Campville Substation, Str96-97
- Harwinton, Map 35, Str95
- Litchfield, Map 29, Str81
- Harwinton, Map 32, Culvert Replacement, W-F11/S-F10

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

No active work observed at the time of this inspection.

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 11/17/2017

Inspector: Paul Cyr

Rain Event:

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

- Watertown, Maps 09-16, Str24 to Str39
- Watertown, Map 09, Str22-Str23
- Watertown, Map 08, Str21
- Watertown, Maps 02-06, Str3 to Str10
- Watertown, Map 01, Str1, Str1B, Str2, Str3080
- Harwinton, Map 35, Campville Substation
- Litchfield, Map 29, Str81

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

No active work observed at the time of this inspection.

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
Access Roads and Adjacent Roadways	Interim Week	Saturated road surfaces, tire rutting, muddy conditions, and off access road impacts observed in the areas between Str24 through Str46 (See Photos 1 and 2).	Limit vehicle and heavy equipment access until conditions improve, regrade affected areas of access road to improve drainage and remove rutting.	In Progress
	Bi-Week	No change between Str24 and Str39. Restoration (pads, slopes, disturbed areas, access road, etc.) between Str39 and Str46 is completed.		In Progress, as restoration is progressing from Str39 to Str24 the access road is being repaired and vehicle traffic prohibited.
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	Task Completed	N/A	N/A
	Bi-Week	Tasked Completed	N/A	N/A

Water Crossings	Interim Week	<p>Conditions observed in the previous 2 inspections (Interim and Biweekly Reports #24) have not improved or been repaired.</p> <p>Timber mat crossings have heavy sediment buildup and muddy conditions upland of crossings, and additional sedimentation into W-C20 was observed (see photo 3).</p>	<p>Clean timber mat crossings and improve access road drainage upland of sensitive areas (especially W-C20). Areas upland of crossings should be regraded and water bars constructed so that surface water flow during storm events is diverted away from sensitive areas (wetlands and watercourses).</p>	<p>Pending restoration activities.</p>
	Bi-Week	<p>Timber mats at W-C20 have been cleared of excess sediment build up and water bars have been installed upland of the crossing diverting surface water runoff to sediment traps upland of the wetland. Impacts to W-C20 remain at this time.</p>		<p>In Progress</p>

Erosion and Sedimentation Controls	Interim Week	<p>Various sections of silt fence and straw bales need full replacement in the areas between Str24 and Str46. Many are at their limits functionally and structurally and/or repairs are not possible (see Photos 4 and 5).</p>	<p>Continue to maintain/repair/replace existing E&S controls until veg establishment and stabilization is achieved following restoration activities.</p>	In Progress
	Bi-Week	<p>Repairs in progress in the areas between Str24 and Str39. Silt fence repair needed at Str23 (see photo 8). Straw blown on seeded slopes in the area of Str4 and Str5 has been blown into windrows due to weather conditions (see photo 9). Missing E&S controls at Str1A,</p>	<p>CONT. surface water runoff has caused rills on the pad slopes to the east and sedimentation to the low lying areas near the Connecticut Wetland Only designated area (see Map 01) abutting wetland W-F-B1 (see photos 10-12).</p>	<p>E&S installed at Str1A, other areas repairs in progress.</p>
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	<p>Wetland W-C20 continues to be impacted by uncontrolled surface water flow off of the access road upland of the wetlands during and following rain events.</p> <p>Corrective actions at or restoration of W-C20 has occurred several times however the root cause of the impacts has not been sufficiently addressed and impacts continue to occur after rain fall events (see Photo 6).</p>	N/A	In Progress

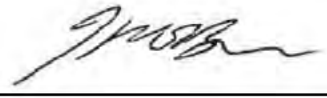
Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)	Bi-Week	No change in conditions at W-C20. Corrective actions are forthcoming and reportedly will be performed as part of the overall restoration.		In Progress
	Spills and Material Storage	Interim-Week	None observed, none reported.	N/A
Bi-Week		None observed, none reported.	N/A	N/A

Rare, Threatened, and Endangered Species	Interim Week	<p>BMPs and Rare Species Avoidance and Minimization Measures are being followed.</p> <p>No rare, threatened, or endangered species have been observed and/or reported to date.</p>	<p>Continue to follow BMPs and Rare Species Avoidance and Minimization Measures.</p>	N/A
	Bi-Week	<p>No rare, threatened, or endangered species have been observed and/or reported to date.</p>	N/A	N/A
<p>Additional Documentation Comments:</p> <p>Notes:</p> <p>Open Items from previous inspections:</p> <p>Closed Items from previous inspections:</p> <p>The catch basin located immediately south of Str81 on Campville Road is now protected and pad restoration has begun (see photo 13).</p>				

Next likely scheduled inspection: 11/24/2017

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: 

Reviewer: 

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 1: 11/09/17, Watertown: Map 14, access road conditions between Str38 and Str39, tire rutting, poor drainage and ponding visible, flattened water bar and poor access road grading at the sediment trap.



Photo 2: 11/09/17, Watertown: Map 14, access road conditions at W-C20, flattened water bar, visible tire rutting, poor access road grading at the sediment trap.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
11/09/2017	Paul Cyr	8 of 14	Watertown to Harwinton	Interim Report #25	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 3:11/09/17, Watertown: Map 14, timber mat crossing conditions at W-C20, buildup of sediments on timber mats due to upland access road area conditions.



Photo 4:11/09/17, Watertown: Map 12, south of Str34, non-compliant silt fence conditions, sedimentation through E&S controls, road base materials exceeding height limits (structural) of silt fence, punctures through silt fence material due to road base gravel.

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11/09/2017	Paul Cyr	9 of 14	Watertown to Harwinton	Interim Report #25	

Photograph Log
Frost Bridge to Campville 115kV Project



Photo 5: 11/09/17, Watertown: Map 11, west of Str31, non-compliant silt fence conditions, road base material height and pressing against silt fence, broken stakes, pictures through silt fence material due to road base gravel.



Photo 6: 11/09/17, Watertown: Map 14, W-C20 sedimentation through E&S controls and excess sediment buildup on timber mat crossing due to poor upland access road conditions.

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11/09/2017	Paul Cyr	10 of 14	Watertown to Harwinton	Interim Report #25	

Photograph Log
Frost Bridge to Campville 115kV Project



Photo 7: 11/09/17, Litchfield: Map 29, catch basin at Str81 west side of Campville Road, sediment movement from surface water runoff impacting catch basin and public access roadway.

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Photograph Log

Frost Bridge to Campville 115kV Project



Photo 8: 11/17/2017, Watertown: Map 09, Str23, damaged silt fence.



Photo 9: 11/17/2017, Watertown: Map 02, Str4, windblown straw covering seed on slope and top of pad.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
11/17/2017	Paul Cyr	12 of 14	Watertown to Harwinton	Biweekly Report #25	

Photograph Log Frost Bridge to Campville 115kV Project



Photo 10: 11/17/2017, Watertown: Map 01, Str1A, rill erosion and sedimentation down gradient of work pad.



Photo 11: 11/17/2017, Watertown: Map 01, down gradient of Str1A, rill erosion and sedimentation down gradient to the east toward the Connecticut Wetland Only designated area.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
11/17/2017	Paul Cyr	13 of 14	Watertown to Harwinton	Biweekly Report #25	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 12: 11/17/2017, Watertown: Map 01, down gradient of Str1A, rill erosion and sedimentation down gradient to the east toward the Connecticut Wetland Only designated area, CORRECTIVE ACTION-E&S (silt fence) installed.



Photo 13: 11/17/2017, Litchfield: Map 29, Str81 and catch basin on Campville Road, CORRECTIVE ACTION- Installed E&S controls to protect catch basin, sediments were removed from the catch basin, straw placed over work pad to aid in controlling surface water runoff, restoration of the work pad has begun.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
11/17/2017	Paul Cyr	14 of 14	Watertown to Harwinton	Biweekly Report #25	