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August 4, 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 #17, for the **July 21st** and **July 28th, 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: 07/21/2017

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

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 07/28/2017

Inspector: Paul Cyr

Rain Event: 1.0" (7/24/17)

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
- Harwinton, Maps 32-35, Str88 to Str 95
- Harwinton, Map 32, access road to Str87, culvert at S-F10
- Litchfield, Map 28, Str78 through Str80
- Litchfield, Map 28, Str81

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

Northern crews are not on site today. PAR is mobilizing a crane from Str45 to Str34 to set up a direct embedded delta tangent steel structure.

NOTE: Completed work observations- Required E&S control repairs and stabilization/restoration of sedimentation effected areas have been completed in all the areas identified in the previous two reports, Interim report #16 (07.07.17) and Biweekly Report #16 (07.14.17). Water bars were cleared of excess sediments and repaired where necessary, temporary sediment traps cleaned and restructured where needed, and perimeter E&S controls repaired or replaced. New E&S controls (hay bale check dams, stone berms, water bars, etc.) were placed in heavily affected areas with ongoing stormwater runoff issues to assist existing perimeter controls.

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

Northern crew on site preparing for road improvement tasks to start in select areas of the ROW tomorrow (7/29/17) north of Str34 to Str43. Improvements include addition of stone to existing surfaces, removal of existing road materials and replacement with new processed stone sub-base, base course, and surface course materials.

Road improvement areas:

- Access road north of Structure 34 leading to W-C15.
 - The downslopes of the access road adjacent to W-C18 and on the access spur road Structure 37.
 - Access road north of Structure 39 on the downslopes to the mat bridge crossing of W-C20 and VP C20-1.
 - Access road and spur road to Structure 41.
 - Off-ROW access road from Structures 41 to 42
 - Off-ROW access road from Structures 42 to 43.
- PAR off site, mandatory company-wide safety day.

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
Access Roads and Adjacent Roadways	Interim Week	Tire rutting was observed in low laying road areas due to movement of equipment from pad to pad (PAR-crane, and concrete trucks). Flattening of existing water bars was also observed. See below-	Continue to maintain road surface and existing water bars to prevent excessive material movement and sediment buildup on perimeter E&S controls.	Northern continuing to maintain roads, grading and repairing water bars/sediment traps.
	Bi-Week	Cont. from above- Flattening and tire ruts occurred after Northern completed corrective actions. Biweekly- Same as observations as Interim inspection #17-07.21.2017	Same as Interim Week	Road improvements on going at this time. Road improvements on going at this time.
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	No clearing occurring on site at this time.	N/A	N/A
	Bi-Week	N/A	N/A	N/A

Water Crossings	Interim Week	Some light (very minor) sedimentation buildup on the surface of timber mat crossings (W-C18 and W-C20). Additional sections of silt fence were placed at upland edges of W-C20 to supplement existing silt fence.	Continue to remove buildup of sediments and monitor access road conditions upland of crossing.	On going access road and E&S control maintenance in the areas between Str24 and Str46.
	Bi-Week	Same conditions observed as interim week inspection #17-07.21.2017.	Continue to remove buildup of sediments and monitor access road conditions upland of crossing.	On going access road and E&S control maintenance in the areas between Str34 and Str42

Erosion and Sedimentation Controls	Interim Week	At the time of this site inspection all E&S controls that were called out in the previous 2 reports (Interim & Biweekly Reports #16) have been repaired/replaced. Minor restructuring of water bars is required due to heavy vehicle traffic.	Continue to monitor E&S control conditions prior to and following significant rainfall events and site movement of heavy equipment.	On going E&S control maintenance in the areas between Str24 and Str46.
	Bi-Week	Same observations as interim week inspection #17-07.21.2017.	Continue to monitor E&S control conditions prior to and following significant rainfall events and site movement of heavy equipment.	On going E&S control maintenance in the areas between Str24 and Str46.
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	Restoration effort in progress in those areas effected by sedimentation reported in the previous 2 reports (primarily W-C18 and W-C20).	Oversight being conducted by Matt Davison/Davison Environmental.	In progress

<p>Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</p>	<p>Bi-Week</p>	<p>Same observations as interim week inspection #17-07.21.2017.</p>	<p>Oversight being conducted by Matt Davison/Davison Environmental.</p>	<p>In progress</p>
<p>Spills and Material Storage</p>	<p>Interim-Week</p>	<p>None observed or reported.</p>	<p>N/A</p>	<p>N/A</p>
	<p>Bi-Week</p>	<p>None observed or reported</p>	<p>N/A</p>	<p>N/A</p>

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>	N/A	N/A
	Bi-Week	<p>Inspected timber mat pad at Str95, W-F15/S-F14. No rare, threatened, or endangered species observed. pad is clean and perimeter fence in place to help prevent turtle access.</p>	N/A	N/A

Additional Documentation Comments:

Notes:

In an effort to support active transmission line construction as well as future maintenance efforts, the project has taken action with respect to improving and/or the totally replacing select portions of the ROW access road in the areas between Str34 and Str42. The on-going issues with stormwater runoff that arises during or as a result of a significant rainfall event have prompted Eversource to direct Northern to make the changes without delay.


Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection: 8/4/2017

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: 07/21/2017, Watertown: Map 14, timber mat crossing at W-C20, timber mats cleared and E&S control repairs/improvements, sediment impacts cleared by hand to the waterline.



Photo 2: 07/21/2017, Watertown: Map 13, access road at W-C18, E&S control repair.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
07/21/2017	Paul Cyr	8 of 10	Watertown to Harwinton	Interim Report #17	

Photograph Log
Frost Bridge to Campville 115kV Project



Photo 3: 07/21/2017, Watertown: Map 12, timber mat crossing at W-C15, timber mats cleared, E&S control repairs.



Photo 4: 07/21/2017, Watertown: Map 11, access road at W-C12, E&S repairs.

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Photograph Log
Frost Bridge to Campville 115kV Project



Photo 5: 07/21/2017, Watertown: Map 11, area of Str30 at W-C7, access road at Str30, repairs to E&S controls.



Photo 6: 07/21/2017, Watertown: Map 10, area of W-C3, access road at Str27, E&S control repair/improvements.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
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