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March 29, 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 the enclosed Biweekly Independent Environmental Inspector Report, Report #7, for the **March 17th** and **March 24th 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', is positioned above the typed name.

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: 03/17/2017

Inspector: Paul Cyr

Rain Event: Snow (3/14/17 and 3/15/17)

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

- Watertown, Map 01, Str3080 and Str2
- Watertown, Map 01, Str1A to Str1B line trenching
- Watertown, Maps 09-13, Str24 through Str36
- Litchfield, Maps 29-30, Road & Str84 construction
- Thomaston, Map 17, Hand clearing to Str47

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

Snow clearing in active work areas, construction prep at Str3080 and Str2 (Map 01), prep area between Str1A & 1B for trenching of subsurface electric cable installation, pad prep and construction (rock hammering/removal) at Str33, Str34, Str35, and Str36 (Maps 12-13), road and pad construction occurring at Str84 (Maps 29-30), and hand clearing of trees for access road construction to Str47 (Map17). Construction of structure Str87 continues but was not observed on this day.

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 3/24/2017

Inspector: Paul Cyr

Rain Event:

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

- Watertown, Map 01, Str3080 and Str2
- Watertown, Maps 09-13, Str24 through Str36
- Thomaston, Map 17, access road construction
- Thomaston, Map 23, Str65-Str68
- Thomaston, Map 24, wood chipping, from upland clearing
- Litchfield, Map 29, Str81 & W-E12
- Litchfield, Maps 31 & 32, Str86, Str3236, Str3171
- Harwinton, Map 35, Str96

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

Northern was working on pad construction at Str36 (Map 13), Str37 (Map 13), and Str81 (Map 29), access road construction to Str47 (Map 17), and Str65-Str68 (Map 23), and E&S maintenance in the area of VP-C15-1. PAR was erecting a structure at Str86 (Map 31) and drilling the bases for Str3171 (Map 31) and Str96 (Map 35).

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
Access Roads and Adjacent Roadways	Interim Week	Muddy in areas due to slight snow melt however, maintained. Water bars and E&S controls are functioning and effective at keeping excess surface water flow off access roads and upland of wetlands and water crossings.	N/A	N/A
	Bi-Week	Muddy in areas due to slight snow melt. Water bars and E&S controls are functioning and effective at keeping excess surface water flow off access roads and upland of wetlands and water crossings. Some road maintenance is needed.	Some access roads in the areas between Str24 to Str35 need minor maintenance. These areas were addressed at the time of this inspection. No immediate impacts to off access road areas.	Update Pending
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	Hand clearing of trees in the area of Str47 was being performed in accordance with BMPs, and within the designated flagged areas. No out of bounds clearing was observed.	N/A	N/A
	Bi-Week	None observed at the time of this inspection.	N/A	N/A

Water Crossings	Interim Week	<p>All crossings appear to be functioning in accordance with BMPs. No sediment appears to be entering the streams or wetlands. Timber mat crossings and hard bottom crossings are clear of excessive buildup of sediments. Water crossings (Timber mats) appeared maintained and cleared of sediment buildup.</p>	N/A	N/A
	Bi-Week	<p>All crossings appear to be functioning in accordance with BMPs. No sediment appears to be entering the streams or wetlands. Timber mat crossings and hard bottom crossings are clear of excessive buildup of sediments. Water crossings (Timber mats) appeared maintained and cleared of sediment buildup. Some minor maintenance is required at S-C4 (Map12) water crossing (timber mats). Timber mats are separating (gaps, see Photo # 9) and need to be reset to prevent sediments from entering watercourse and for safety (vehicle and pedestrian foot traffic).</p>	<p>Current conditions were discussed with Matt Davison and Northern. The timber mats crossing at S-C4 will be cleaned, pulled, and reset.</p>	Update Pending

Erosion and Sedimentation Controls	Interim Week	Area is snow covered, some silt fencing appears damaged from snow clearing activities which is expected. Once snow melt occurs silt fencing conditions will be evaluated. Water bars in active work areas were maintained and functioning.		N/A
	Bi-Week	<p>Silt fence and straw placed in the area of the timber mat road/crossing at VP-C15-1.</p> <p>Area is still snow covered, some silt fencing appears damaged from snow clearing activities which is expected. Once snow melt occurs silt fencing conditions will be evaluated.</p>	Continue to repair and maintain E&S controls (Silt fence, water bars, tracking pads, etc.) as snow continues to melt and cleared.	N/A
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	Timber mat installations (temporary access roads and temporary structure pads) in wetland areas are in accordance with the BMPs as outlined in the D&M.	Continue to follow these procedures.	N/A


<p style="text-align: center;">Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</p>	<p style="text-align: center;">Bi-Week</p>	<p>Timber mat installations (temporary access roads and temporary structure pads) in wetland areas are in accordance with the BMPs as outlined in the D&M.</p>	<p>Continue to follow BMPs as outlined in the D&M.</p>	<p style="text-align: center;">N/A</p>
<p style="text-align: center;">Spills and Material Storage</p>	<p style="text-align: center;">Interim-Week</p>	<p>None reported or observed. Emergency spill kits were observed in all active work areas and secondary containment procedures are implemented when refueling of equipment.</p>	<p style="text-align: center;">N/A</p>	<p style="text-align: center;">N/A</p>
	<p style="text-align: center;">Bi-Week</p>	<p>Diesel fuel storage tank observed without secondary containment and spill kit (See Photo # 13).</p>	<p>Discussed potential for release to the ground and surrounding area with Matt Davison. PAR Electric will remove the contents and demobilize the storage tank from the project area by the end of the day.</p>	<p>PAR Electric removed the the contents of the tank (diesel fuel) on Friday (3/24/17). The the Storage tank was later removed from the site on 3/29/17.</p>

Rare, Threatened, and Endangered Species	Interim Week	None observed or reported.	Continue to follow BMPs and Rare Species Avoidance and Minimization Measures.	N/A
	Bi-Week	None observed or reported.	Continue to follow BMPs and Rare Species Avoidance and Minimization Measures.	N/A
<p>Additional Documentation Comments:</p> <p>Notes:</p> <p>Open Items from previous inspections:</p> <p>Closed Items from previous inspections:</p>				

Next likely scheduled inspection: 3/31/2017

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: 3/17/2017, Watertown: Maps 09-12, access road snow clearing.



Photo 2: 3/17/2017, Watertown: Maps 09-12, snow melt, access road conditions.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/17/2017	Paul Cyr	8 of 14	Watertown to Harwinton	Interim Report #7	

Photograph Log Frost Bridge to Campville 115kV Project



Photo 3: 3/17/2017, Watertown: Map 12, rock hammering at Str33.



Photo 4: 3/17/2017, Watertown: Map 12, rock hammering at Str34.

Date:.	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/17/2017	Paul Cyr	9 of 14	Watertown to Harwinton	Interim Report #7	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 5: 3/17/2017, Watertown: Maps 09-13, timber mat at S-C4 crossing.



Photo 6: 3/17/2017, Litchfield: Maps 29 & 30, timber mat road through W-F7 to Str84.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/17/2017	Paul Cyr	10 of 14	Watertown to Harwinton	Interim Report #7	

Photograph Log Frost Bridge to Campville 115kV Project



Photo 7: 3/24/2017, Watertown: Map 01, Str3080 and Str2, current dewatering set up (changes pending).



Photo 8: 3/24/2017, Watertown: Maps 09A-13, access road and E&S conditions at W-C16.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/24/2017	Paul Cyr	11 of 14	Watertown to Harwinton	Biweekly Report #7	

Photograph Log Frost Bridge to Campville 115kV Project



Photo 9: 3/24/2017, Watertown: Maps 09A-13, timber mat crossing, mat separation occurring at S-C4.



Photo 10: 3/24/2017, Watertown: Maps 09A-13, installing E&S at VP-C15-1.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/24/2017	Paul Cyr	12 of 14	Watertown to Harwinton	Biweekly Report #7	

Photograph Log Frost Bridge to Campville 115kV Project



Photo 11: 3/24/2017, Litchfield: Maps 31 & 32, erecting Str86.



Photo 12: 3/24/2017, Litchfield: Maps 31 & 32, coring base for Vertical Deadend Structure, Str3171.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/24/2017	Paul Cyr	13 of 14	Watertown to Harwinton	Biweekly Report #7	

Photograph Log Frost Bridge to Campville 115kV Project



Photo 13: 3/24/2017, Litchfield: Maps 31 & 32, PAR Electric's diesel fuel storage tank (no secondary containment).



Photo 14: 3/24/2017, Harwinton: Map 35, coring base for Vertical Deadend Structure, Str96.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/24/2017	Paul Cyr	14 of 14	Watertown to Harwinton	Biweekly Report #7	