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March 16, 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 #6, for the **March 3rd** and **March 10th 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: 03/03/2017

Inspector: Paul Cyr

Rain Event: 0.11 (Rain, 3/2/2017)

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

- Litchfield, Map 31, Str86, Str3171, Str3231
- Harwinton, Map 35, Str95, S-F14, W-F15
- Harwinton, Map 32-33, Str88, Temporary Structures
- Litchfield, Map 28, Str78-79, W-E10
- Litchfield, Map 25-26, Str73, DVP-E2-1 & DVP-E2-2, W-E2, Hard Bottom Crossing BMPs @ S-E3
- Watertown, Map 09A-11, Str27-30
- Watertown, Map 06, Str14, Farmland Protection Area

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

Northern continued rock crushing processes and access road construction at Str86, Str3171, Str3231(map 31). PAR continues work at Str88, construction of drilled shaft foundations, and delivery of lower/mid/upper sections of steel structures to work area. TRC and Eversource project contracted inspector (Matt Davison of Davison Environmental) walked area of timber matted Str95 to inspect for rare species avoidance and minimization measures.

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 3/10/2017

Inspector: Paul Cyr

Rain Event: Snow (3/10/2017)

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

- Harwinton, Map 35, Campville Substation
- Harwinton, Map 35, Str95
- Harwinton, Map 32-34, Str88 through Str94
- Harwinton, Map 32, Str87
- Litchfield, Map 25-26, Str70-73
- Watertown, Map 09-11, Str24-32
- Watertown, Map 01, Str2 and Str3080
- Watertown, Map 01, Str1B, Frost Bridge Substation

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

At the time of this inspection, PAR Electrical Contractors were in the process of erecting a steel structure (Vertical deadend, 120') at Str88, Northern was clearing snow and regrading the tracking pad at the access road entrance to Str87, and Northern continued access road clearing and work pad construction in the area of Str70.

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
Access Roads and Adjacent Roadways	Interim Week	Clear and maintained. Water bars and E&S controls are functioning and effective at keeping surface water flow off of access roads and upland of wetlands and water crossings.	N/A	N/A
	Bi-Week	Snow covered, but not effecting current site work activities or safety.	N/A	N/A
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	None observed	N/A	N/A
	Bi-Week	Minor clearing was occurring in the area of Str70. No out of limit clearing observed.	N/A	N/A

Water Crossings	Interim Week	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 clear of tracked sediments.	N/A	N/A
	Bi-Week	All timber mat crossings observed were clear of snow and no excessive sediment buildup was observed. No turbidity observed in watercourses.	N/A	N/A

Erosion and Sedimentation Controls	Interim Week	Maintained and functioning (Site wide), and at the time of this inspection blown straw had been placed on south and east facing slopes in the area of Str86, Str3171, Str3231(Map 31).	Monitor and control surface water flow in work areas, divert flow upland of stand alone E&S controls wherever possible. Slope stabilization measures in the area of Str86/Str3171/ Str3231, be monitored closely during rain events to ensure surface water flow is controlled and slope stabilization maintained.	N/A
	Bi-Week	All E&S controls observed during this site visit were installed according to BMPs, maintained, and functioning. Addition of silt fencing in the area of CP-C10-1 installed according to BMPs.	N/A	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. In the area of Str95 and W-F15, exclusion fencing needs to be placed around the timber mat work pad to prevent turtle access according to the D&M plan notes (Map 35).	N/A

<p style="text-align: center;">Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</p>	<p>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>Exclusion fencing (Silt) was installed at Str95 per the D&M. the timber mat pad and surrounding area was checked for possible pathways that turtles may access the pad. Currently the area is snow covered and turtles are not expected to be active at this time. Turtle access to the pad from W-F15 is improbable due to the layering and height of the timber mats.</p>	<p>N/A</p>	<p>N/A</p>
	<p style="text-align: center;">Spills and Material Storage</p>	<p>Interim-Week</p>	<p>None reported or observed.</p> <p>Emergency spill kits were observed in all active work areas and secondary containment procedures are implemented when refueling of equipment.</p>	<p>N/A</p>
<p>Bi-Week</p>		<p>None reported/None observed</p>	<p>N/A</p>	<p>N/A</p>

Rare, Threatened, and Endangered Species	Interim Week	<p>None observed or reported.</p> <p>Noted in above sections- In the area of Str95 and W-F15, exclusion fencing needs to be placed around the timber mat work pad to prevent turtle access according to the D&M plan notes (Map 35).</p>	<p>Continue to follow BMPs and Rare Species Avoidance and Minimization Measures.</p>	N/A
	Bi-Week	<p>None reported/None observed</p>	<p>Continue to follow BMPs and Rare Species Avoidance and Minimization Measures.</p>	N/A

Additional Documentation Comments:

Notes:

The 90-day Stormwater Pollution Control Plan (SWPCP) implementation inspection, per the CT DEEP General Permit, was conducted concurrently with today's Biweekly inspection, performed by a third-party CPESC.


Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection: 3/17/2017

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: 3/3/2017, Litchfield: Map 31, Pad and access road construction at Str86, Str3171, and Str3231.



Photo 2: 3/3/2017, Litchfield: Map 31, south slopes at Str86, Str3171, and Str3231.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/3/2017	Paul Cyr	8 of 15	Watertown to Harwinton	Interim Report #6	

Photograph Log Frost Bridge to Campville 115kV Project



Photo 3: 3/3/2017, Litchfield: Map 31, Pad and access road construction at Str86, Str3171, and Str3231.



Photo 4: 3/3/2017, Litchfield: Map 31, Rock crushing process at Str86, Str3171, and Str3231.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/3/2017	Paul Cyr	9 of 15	Watertown to Harwinton	Interim Report #6	

Photograph Log Frost Bridge to Campville 115kV Project



Photo 5: 3/3/2017, Harwinton: Map 32-33, Str88 access road improvements (grading and gravel placement).



Photo 6: 3/3/2017, Harwinton: Map 32-33, Str88 delivery of typical structures pieces (Vertical Deadend).

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/3/2017	Paul Cyr	10 of 15	Watertown to Harwinton	Interim Report #6	

Photograph Log Frost Bridge to Campville 115kV Project



Photo 7: 3/3/2017, Harwinton: Map 32-33, finished Str88 pad and drilled shaft foundation.



Photo 8: 3/3/2017, Harwinton: Map 32-33, Str88 finished drilled shaft foundation.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/3/2017	Paul Cyr	11 of 15	Watertown to Harwinton	Interim Report #6	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 9: 3/3/2017, Litchfield: Map 25-26, Hard bottom crossing at S-E3



Photo 10: 3/3/2017, Watertown: Maps 09A-11, Access road improvements (timber matted), area of W-C1A and W-C2A.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/3/2017	Paul Cyr	12 of 15	Watertown to Harwinton	Interim Report #6	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 11: 3/3/2017, Watertown: Map 06, Str14, Farmland Protection Measures.



Photo 12: 3/3/2017, Watertown: Map 06, Str14, Farmland Protection Measures.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/3/2017	Paul Cyr	13 of 15	Watertown to Harwinton	Interim Report #6	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 1: 3/10/2017, Harwinton: Map35, Str95, Silt fence placed around timber mat pad.



Photo 2: 3/10/2017, Harwinton: Map 32-34, Str88, construction of steel structure.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
03/10/20117	Paul Cyr	14 of 15	Watertown to Harwinton	Biweekly Report #6	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 3: 3/10/2017, Thomaston: Map 25, Str70, mechanical clearing and pad construction.



Photo 4: 3/10/2017, Thomaston: Map11, VP-C10-1, silt fence separating access road from vernal pool.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.
03/10/20117	Paul Cyr	15 of 15	Watertown to Harwinton	Biweekly Report #6

FBC