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January 5, 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 #28, for the **December 22nd** and **December 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". The signature is fluid and cursive.

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: 12/22/2017

Inspector: Paul Cyr

Rain Event:

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

- Watertown, Maps 09-14, Str24 to Str39
- Watertown, Maps 2-4, Str3 to Str9
- Watertown, Map 1, Str2, Str1B
- Harwinton, Map 32, Str87, Str3174, Str3235
- Harwinton, Map 35, Str95 to Str96
- Litchfield, Map 30, Str85
- Litchfield, Map 31-31A, Str86, Str3236, Str3171

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

No active work observed on site at the time of this visit.

All areas of E&S controls identified as non compliant in the previous inspection reports for the areas between Str24 and Str39 were addressed by BluRoc and the corrective actions documented. Select photographs are provided with this report.

A hydraulic oil release was observed and reported to the construction manager. The cleanup occurred the same day and the release was phoned into the CTDEEP and a spill number was generated.

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 12/28/2017

Inspector: Paul Cyr

Rain Event:

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

- Watertown, Map 1, Str1A-Str1B
- Litchfield, Maps 28-29, Str78-80, W-E10/W-F7/VP-E9-1
- Litchfield, Map 29, Str81
- Harwinton, Map 35, Str95-97, W-G1

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

No active work observed, ROW is snow and ice covered.

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
Access Roads and Adjacent Roadways	Interim Week	Access roads are in good condition and graded with no tire rutting or erosion observed in any of the areas inspected today. A frost layer is present at time. Temperatures have remained near or below freezing.	N/A	Access roads between Str24 and Str39 were graded smooth, water bars reformed, and some areas covered with straw mulch for stabilization.
	Bi-Week	Access roads are snow and ice covered.	N/A	BluRoc is shutting down for the winter months. BluRoc will be on call services only until the spring/summer months or when weather permits them to resume restoration work.
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	Task Completed	N/A	N/A
	Bi-Week	Task Completed	N/A	N/A

Water Crossings	Interim Week	<p>Timber mat crossings appear clean and maintained.</p> <p>The silt fence south of the culvert replacement area at W-F11 (south of Str87) was repaired and installed according to BMPs.</p>	N/A	<p>Timber mats were cleared of excess sediments.</p>
	Bi-Week	<p>Snow and ice covered. Restricted access to most areas.</p> <p>Timber mat road removed from W-E10 and W-F7/VP-E9-1 areas. See Photo 19.</p>	N/A	N/A

Erosion and Sedimentation Controls	Interim Week	<p>All E&S controls are compliant in the areas inspected today. Photos of corrective action are provided as part of this report (see Photos).</p> <p>-Silt fence at toe of slope of the pad at Str39 has been repaired.</p> <p>-Access road at Str39 to W-C20 has been graded, water bars constructed, straw mulch placed and vehicle access restricted.</p> <p>-Access road between Str38 and Str39 has reformed water bars and</p>	<p>the sediment basin cleared.</p> <p>-The access road, water bars, and rip-rap swale have been repaired between Str36 and Str37.</p> <p>-The Silt fence has been repaired, access road graded, and water bars reformed in the area of W-C14.</p> <p>-A new line of silt fence has been installed at the north</p>	<p>corner of Str2 near S-A1.</p> <p>-Silt fence has been repaired and/or replaced at Str87 and W-F11/S-F10.</p> <p>-Silt fence repaired and extended at Str96.</p> <p>-Restoration completed at Str86, Str3236, and Str3171.</p> <p>-Slope stabilization needed at Str85 (see Photos)</p>
	Bi-Week	<p>Snow and ice covered ROW, frost layer is present. Several weeks of sub freezing temperatures in the area have locked exposed soils in place. No snow or ice melt observed.</p>	<p>Monitor conditions. If consistent above freezing temperatures or a sudden upswing of temperature return to the area, snow and frost melt will need to be monitored.</p>	<p>N/A</p>
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	<p>Impacts to W-C20 remain, restoration still pending (weather permitting).</p> <p>Decoy Vernal pool (DVP-C4-1), access road improvements have not yet been completed.</p>	<p>N/A</p>	<p>Pending(weather permitting)</p>

<p style="text-align: center;">Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</p>	<p>Bi-Week</p>	<p>Areas are snow and iced over at this time.</p>	<p>N/A</p>	<p>N/A</p>
	<p style="text-align: center;">Spills and Material Storage</p>	<p>Interim-Week</p>	<p>A release of hydraulic fluids to the ground surface was observed on the access road nearest Str37 (See photos). The release was reported to the project and a crew was responding to clean up the impacted soils.</p>	<p>Matt Davison contacted the Construction Manager via phone and a crew was responding to the release.</p>
<p>Bi-Week</p>		<p>None observed, none reported.</p>	<p>N/A</p>	<p>N/A</p>

Rare, Threatened, and Endangered Species	Interim Week	BMPs and Rare Species Avoidance and Minimization Measures are being followed.	Continue to follow BMPs and Rare Species Avoidance and Minimization Measures.	N/A
	Bi-Week	N/A	N/A	N/A

**Additional Documentation
 Comments:**

The new Frost Bridge to Campville 115-kV (1854) Line was placed in-service the morning of 12/16/2017 at 11:00 AM.

Notes:

Due to winter conditions, BluRoc will finish up site work in the coming weeks and demobilize for the winter months and 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: 1/05/2017

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: 12/22/2017, Watertown: Map14, CORRECTIVE ACTION- Str39, Silt fence repaired at toe of slope



Photo 2: 12/22/2017, Watertown: Map14, CORRECTIVE ACTION- Upland of W-C20/VP-C20-1, access road grading, construction of stone filled water bar, and straw mulch for stabilization.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
12/22/2017	Paul Cyr	8 of 17	Watertown to Harwinton	Interim Report #28	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 3: 12/22/2017, Watertown: Map14, CORRECTIVE ACTION-Str39 pad, graded pad, added straw mulch for stabilization, reformed water bar, lined water bar with stone.



Photo 4: 12/22/2017, Watertown: Map14, CORRECTIVE ACTION- Access road between Str38 and Str39 graded, water bar and drainage swale reformed.

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Photograph Log

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Photo 5: 12/22/2017, Watertown: Map12, CORRECTIVE ACTION- Access road between Str34 and Str35, graded access road, reformed water bar, and cleaned drainage swale.



Photo 6: 12/22/2017, Watertown: Map 1, Installed silt fence at north corner of pad abutting watercourse S-A1.

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



Photo 7: 12/22/2017, Harwinton: Map 32, **CORRECTIVE ACTION**- At edge of Str87 pad and W-F12/S-F11, repaired silt fence and added hay bales.



Photo 8: 12/22/2017, Harwinton: Map 32, **CORRECTIVE ACTION**- At edge of Str87 pad and S-F11/S-F10/W-F11, repaired silt fence and added hay bales.

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Photo 9: 12/22/2017, Harwinton: Map 35, CORRECTIVE ACTION- South edge of Str96 pad, repaired silt fence and added approximately 20' of new silt fence.



Photo 10: 12/22/2017, Litchfield: Map 30, Str85, restoration started, slope stabilization required.

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Photograph Log

Frost Bridge to Campville 115kV Project



Photo 11: 12/22/2017, Litchfield: Access road to Str86, Str3236, and Str3171, graded, and stone filled drainage swale.



Photo 12: 12/22/2017, Litchfield: Access road to Str86, Str3236, and Str3171, restoration of slope and pad surfaces, area stabilized with hydroseed, stone filled drainage swale.

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Photograph Log

Frost Bridge to Campville 115kV Project



Photo 13: 12/22/2017, Litchfield: Str86, Str3236, and Str3171, restoration of slope and pad surfaces, area stabilized with hydroseed.



Photo 14: 12/22/2017, Litchfield: Str86, Str3236, and Str3171, restoration of slope and pad surfaces, area stabilized with hydroseed, installation of silt fence.

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Photograph Log

Frost Bridge to Campville 115kV Project



Photo 15: 12/22/2017, Litchfield: Str86, Str3236, and Str3171, restoration of slope and pad surfaces, area stabilized with hydroseed, installation of silt fence.



Photo 16: 12/22/2017, Watertown: Hydraulic oil release to the ground surface (access road) in the area of Str37.

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



Photo 17: 12/22/2017, Watertown: Hydraulic oil release to the ground surface (access road) in the area of Str37.



Photo 18: 12/22/2017, Watertown: **CORRECTIVE ACTION**- Spill cleanup completed by BluRoc, Hydraulic oil release to the ground surface (access road) in the area of Str37 was removed and transported off site for disposal. Spill was reported to CT DEEP and Spill number 2017-6625 was provided.

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Photograph Log
Frost Bridge to Campville 115kV Project



Photo 19: 12/28/2017, Litchfield: Map 28, W-E10, timber mat road and pads (Str78-Str80) removed, snow and ice covered wetland area.

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12/28/2017	Paul Cyr	17 of 17	Watertown to Harwinton	Biweekly Report #28	