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December 21, 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 #27, for the **December 7th** and **December 15st, 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', written in a cursive style.

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: 12/07/2017

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
- Thomaston, Map 22, Str62 and Wetland W-D10
- Thomaston, Maps 23-24, Str65 to Str69
- Litchfield, Map 30, Str85
- Harwinton, Map 32, Str87, Str3174, Str3235
- Harwinton, Map 35, Str95 to Str97
- Watertown, Maps 2-4, Str3 to Str9
- Watertown, Map 09, Str23

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

BluRoc observed performing pad restoration and slope stabilization at Str85.

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 12/15/2017

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
- Harwinton, Map 35, Campville Substation
- Harwinton, Map 35, Str97 and Str96
- Harwinton, Map 32, Str87, Str3174, Str3235
- Litchfield, Map 31, Str86
- Litchfield, Map 29, Str81

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

BluRoc performing E&S control repairs in the areas between Str24 & Str39, and restoration in the area of Str86.

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
Access Roads and Adjacent Roadways	Interim Week	-Access Road at Str69 has visible rills (see Photo 1). -Access Road to Str87 has visible rills.		
	Bi-Week	In areas inspected, roads were covered with approximately 2" of snow. Some roads between Str 31 and Str39 were rutted and frost was observed.	N/A	
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	Timber mat crossings appear clean and maintained.	N/A	N/A
	Bi-Week	Snow covered at the time of this inspection.	N/A	N/A

Erosion and Sedimentation Controls	Interim Week	<p>-No improvement in conditions of E&S in the areas between Str24 and Str39 as reported in the 2 previous reports.</p> <p>-Silt fence at Str69 needs repairs (see Photo 2)</p> <p>-Silt fence at the new culvert (below Str87) installed improperly, sedimentation flowing underneath (see Photo 3).</p> <p>-The entire Silt fence line at Str87 requires repair (see Photos 4 and 5).</p>	<p>-Sediment trap off of the access road to Str87 is completely full and non-functional(see Photo 6).</p> <p>-Silt fence at Str23 is still in need of repair as reported previously on 11/17/17.</p> <p>- E&S repairs(water bars and removal of sediment build up on silt fences) were completed in Str65-Str69.</p>	
	Bi-Week	<p>No corrective actions were observed in the areas between Str24 and Str39 at the time of this inspection. The BluRoc crew was in the process of starting at the time of this inspection.</p> <p>-Silt fence down on access road near Str31.</p> <p>-Silt fence down at Str96, and fence should be extended further upland.</p>	<p>-At Str87, no silt fence repairs observed and a seep at the base of the Str3235 pad was actively flowing and sedimentation and rills were observed.</p> <p>-Sediment trap at Str87 has been cleaned and is functioning as designed.</p>	
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	<p>Impacts to W-C20 remain, restoration still pending.</p> <p>Sedimentation was observed at the culvert replacement area, W-F11/S-F10 (southwest of Str87), due to improperly installed silt fence. However, it was observed within the designated Permanent Impact Area as shown on Map 32 (Harwinton).</p>		

<p>Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</p>	<p>Bi-Week</p>	<p>No corrective actions observed in areas called out in the previous interim report-</p> <p>Impacts to W-C20 remain, restoration still pending.</p> <p>Sedimentation was observed at the culvert replacement area, W-F11/S-F10 (southwest of Str87), due to improperly installed silt fence. However, it was observed within the designated Permenant Impact Area as shown on Map 32 (Harwinton).</p>		
<p>Spills and Material Storage</p>	<p>Interim-Week</p>	<p>None observed, none reported.</p>	<p>N/A</p>	<p>N/A</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	<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	N/A	N/A	N/A

Additional Documentation Comments:

No Photos were taken during the Biweekly inspection.

Notes:

During the Biweekly Inspection (12/15/17), Matt Davision physically pointed out and discussed areas requiring corrective actions with the BluRoc crew on site. BluRoc was on site to specifically respond to the repairs.

Open Items from previous inspections:


Most items reported in the Interim and Biweekly Report #27 in the areas between Str24 and Str39 are still open however BluRoc states they are in the active process of being repaired.

Closed Items from previous inspections:

Next likely scheduled inspection: 12/22/2017

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: 12/07/2017, Thomaston: Map 24, Str69, rills on access road.



Photo 2: 12/07/2017, Thomaston: Map 24, Str69, silt fence at toe of slope in need of repair.

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Photograph Log

Frost Bridge to Campville 115kV Project



Photo 3: 12/07/2017, Harwinton: Map 32, Wetland W-F11, silt fence not toed into ground surface.



Photo 4: 12/07/2017, Harwinton: Map 32, Str87, full line of silt fence at toe of slope in need of repair.

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Photograph Log

Frost Bridge to Campville 115kV Project



Photo 5: 12/07/2017, Harwinton: Map 32, Str87, full line of silt fence at toe of slope in need of repair.



Photo 6: 12/07/2017, Harwinton: Map 32, access road sediment trap in the area of Str87/Str3174/Str3235, excessive sediment buildup.

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