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July 6, 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 #15, for the **June 23rd** and **June 30th 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,

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: 06/23/2017

Inspector: Paul Cyr

Rain Event:

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

- Watertown, Maps 09-12, Str24 to Str46
- Watertown, Map 02, Str03 & Str04
- Watertown, Maps 03-06, Str05 to Str14

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

Northern was hand clearing trees (Not observed) at the Guard Structure Pad in the median of Route 8 between Str1 and Str2, and performing ROW maintenance. PAR was drilling base holes at Str39, Str23, and Str7.

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 06/30/2017

Inspector: Paul Cyr

Rain Event: 1.5" (Intermittent showers- 6/30/2017 to 7/5/2017)

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

- Watertown, Maps 09-12, Str24 to Str46
- Watertown, Maps 02-06, Str04 to Str14
- Thomaston, map 17, Str47 and Str48

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

PAR was observed drilling structure base holes at Str46, Str24 and Str6. Northern had a minimum crew on site for ROW and E&S maintenance.

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
Access Roads and Adjacent Roadways	Interim Week	All access roads observed were in good condition and not rutted. Some rills (minor) were observed on steep access roads in the areas between Str41 and Str46.	Regrade erosion areas and consider water bar placement to divert stormwater upland of steep areas.	These areas will be addressed as part of the restoration phase of the project.
	Bi-Week	No change as of the last inspection. All access roads observed were in good condition & maintained. As noted in the Interim Week Report, some minor rills were observed and they will be addressed during the restoration phase.	N/A	Will correct conditions during project restoration phase. If rills become significant and/or access road conditions worsen, the area will be addressed to prevent off ROW impacts.
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	Northern hand cleared trees in the median of Route 8 at the proposed Guard Structure Pad (Watertown, Map 01).	N/A	N/A
	Bi-Week	None observed	N/A	N/A

Water Crossings	Interim Week	All observed crossings are clear of tracked sediments and maintained as required.	N/A	N/A
	Bi-Week	All observed crossings are clear of tracked sediments and maintained as required.	N/A	N/A

Erosion and Sedimentation Controls	Interim Week	<p>Excessive sediments were deposited along the silt fence located just before the bend of the access road (Northwestern most part of the rd) between Str41 & Str42 (Watertown, Maps 14 & 15). Sedimentation and erosion was observed at the south end of the pad and slope at Str42 (See Photos 3 & 4). No sensitive areas directly affected.</p>	<p>Remove buildup of sediments, and repair or replace downed or damaged silt fence (See Photos 1 & 2). Consider installation of water bars and/or temporary sediment pools upland of perimeter E&S and prevent stormwater runoff from eroding slope areas.</p>	<p>As of 6/27/2017, these areas were being attended to and resolved. Updated photos will be taken at the next scheduled inspection on 6/30/2017 and included in the Biweekly Report.</p>
	Bi-Week	<p>Excess sediment buildup on the silt fence was removed (Photo #5) but due to intermittent heavy bursts of rainfall in the area, sediments re-accumulated (Reported by Matt Davison during follow up). Conditions at Str42 (pad slope) were improved by placing hay bale wood chip check dams (Photo #6).</p>	<p>Remove excess sediment buildup on silt fence and continue to maintain or replace E&S controls to prevent buildup and/or break through conditions. Install E&S controls upland of perimeter controls to prevent erosion/sedimentation.</p>	<p>Pending- Northern is attending to the sediment buildup on the silt fence. The area will be reinspected during the next site inspection on 7/7. Sedimentation on the slope of Str42 pad will be addressed at restoration.</p>
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	<p>Timber mat installations (temporary access roads and temporary structure pads) in wetland areas are in accordance with the BMPs. No out of bounds activities or disturbance observed.</p>	<p>Continue to maintain and clear excessive build up of sediments to prevent sedimentation into wetlands and watercourses.</p>	<p>N/A</p>

Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)	Bi-Week	<p>Timber mat installations (temporary access roads and temporary structure pads) in wetland areas are in accordance with the BMPs. No out of bounds activities or disturbance observed.</p>	<p>Continue to maintain and clear excessive build up of sediments to prevent sedimentation into wetlands and watercourses.</p>	N/A
Spills and Material Storage	Interim-Week	<p>None observed or reported.</p>	N/A	N/A
	Bi-Week	<p>None observed or reported.</p>	N/A	N/A

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	<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

**Additional Documentation
 Comments:**

Notes:

Natural veg regrowth occurring along most slopes as well as in previously disturbed open areas. Seed mix placed by contractors for stabilization and cover have also been observed growing well and effectively stabilizing disturbed areas.


Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection: 7/07/2017

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: 06/23/2017, Watertown: Map 15, access road between Str41 and Str42, Silt fence maintenance required. No sensitive areas affected. UPDATE-As of 6/27/2017, Matt Davison reported that this area is being worked on.



Photo 2: 06/23/2017, Watertown: Map 15, access road between Str41 and Str42, Silt fence maintenance required (Along the same silt fence line as Photo 1 above). UPDATE-As of 6/27/2017, Matt Davison reported this area is being worked on.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
06/23/2017	Paul Cyr	8 of 10	Watertown to Harwinton	Interim Report #15	

Photograph Log
Frost Bridge to Campville 115kV Project



Photo 3: 06/23/2017, Watertown: Map 15, Str42 pad, at south end of the pad, storm water runoff is channeled to the slope via cut swale. Fine sediments from the pad materials are travelling down the slope to the south (See below, Photo 4) however no sensitive areas are affected. E&S controls should be implemented here to capture sediments and prevent further erosion of slope. UPDATE-As of 6/27/2017, Matt Davison reported that this area is being worked on.



Photo 4: 06/23/2017, Watertown: Map 15, Str42 pad, At south end of the pad, storm water runoff is channeled to the slope via cut swale and fine sediments from the pad materials are travelling down the slope to the south. UPDATE-As of 6/27/2017, Matt Davison reported that this area is being worked on.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
06/23/2017	Paul Cyr	9 of 10	Watertown to Harwinton	Interim Report #15	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 5: 06/30/2017, Watertown: Map 15, access road between Str41 and Str42, Silt fence maintenance performed. Sedimentation buildup occurred after 7/27/17 is in the process of being removed by Northern.



Photo 6: 06/30/2017, Watertown: Map 15, Str42 pad, at south end of the pad, storm water runoff is channeled to the slope via cut swale. Northern placed hay bales and wood chips (check dams) to capture sediments prior to slope. Sedimentation on slope will be addressed as part of the project restoration phase. No sensitive areas affected.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
06/30/2017	Paul Cyr	10 of 10	Watertown to Harwinton	Biweekly Report #15	