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July 10, 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 revision of the Biweekly Independent Environmental Inspector Report, Report #15 **REVISION**, 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,

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: 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:

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 that was reported in the interim week report (6/23/17) was still present as of this report (see photo 6). The downed silt fence was repaired (see photo 5). Hay bales and wood chips (check dam) were placed at the south end of Str42 (see photo 7). Sedimentation still exists on slope (see photo 8).</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</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	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.	Continue to maintain and clear excessive build up of sediments to prevent sedimentation into wetlands and watercourses.	N/A
	Spills and Material Storage	Interim-Week	None observed or reported.	N/A
Bi-Week		None observed or reported.	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:

No visible difference was observed in the volume of sediment build up on the silt fence in the area of Str41-Str42 access road. The area was reportedly cleared by hand by Northern however after doing so a rain event occurred

Notes:

Continued from above- and reportedly the sediment again accumulated against the silt fence. No inspection was performed during or immediately following the removal action nor was a photo provided by Northern of the area showing that the sediment had been cleared as requested. No change can be seen in the photos. Note the leaf by the 3rd stake in from the left on both photos, Photo #2 taken on the 6/23 and Photo #6 taken on 6/30.

Open Items from previous inspections:

Same as above, excess sediments must be removed to prevent a break through and to properly maintain perimeter E&S controls.


Closed Items from previous inspections:

Silt fence repair (downed silt fence repaired as shown in photos #1 and #5).

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.

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06/23/2017	Paul Cyr	8 of 11	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.

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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.



Photo 6: 6/30/2017, Watertown: Map 15, access road between Str41 and Str42, Silt fence maintenance was reportedly performed and since then a rainfall event caused more sediment buildup and the area needs to be cleared again. No noticeable change between this event and the previous Interim event Photo #2. Note the leaf by the 3rd stake in from the left on both photos, Photo #2 taken on the 6/23 and Photo #6 taken on 6/30.

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Photograph Log

Frost Bridge to Campville 115kV Project



Photo 7: 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.



Photo 8: 06/30/2017, Watertown: Map 15, Str42 pad, at south end of the pad, Sedimentation on slope will reportedly be addressed as part of the project restoration phase.

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