



Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854

978.970.5600 PHONE
978.453.1995 FAX

www.TRCSolutions.com

May 23, 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 #38, for the **May 11th** and **May 18th, 2018**, 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: 05/11/2018

Inspector: Paul Cyr

Rain Event:

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

- Litchfield, Maps 25-26, Str70-Str73, Wetland W-E2
- Litchfield, Maps 26-27, Str74-Str77
- Litchfield, Map 29, Str81-Str83
- Harwinton, Maps 32-34, Str88-Str94
- Harwinton, Map 35, Str95 and Str96
- Thomaston, Map 17, Str47-Str49
- Thomaston, Maps 20A-21, Str59

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

A BluRoc is on site to resume stabilization and restoration of work areas. Currently BluRoc has an equipment operator and a laborer on site to stabilize and restore priority locations first. Remaining ROW stabilization/restoration and E&S control repairs/replacement areas will follow.

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 05/18/2018

Inspector: Paul Cyr

Rain Event:

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

- Watertown, Maps 09-16, Str24-Str46
- Litchfield, Maps 31-31A, Str86, Str3236, Str3171
- Litchfield, Maps 25-26, Str71-Str73
- Watertown, Map 01, Str1B, Str02, and Str3080

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

BluRoc on site performing repairs, stabilization, and restoration of ROW areas. BluRoc was observed setting up in the area of Str37-Str38 to resume pad stabilization and restoration.

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
Access Roads and Adjacent Roadways	Interim Week	The access road and areas down gradient of Str73 are being repaired and stabilized at this time. Surface water drainage improvements are being installed. Surface erosion on the access road between Str73 and	W-E2 has been partially repaired at this time. Light Sedimentation off the access road abutting W-E2 is at this time still present.	
	Bi-Week	No significant changes. Erosion (Rills) were observed in many areas (on steep and/or long sections of access road) between Str24 and Str46. Off access road impacts were observed however no impacts to Wetlands other than to W-20/VP-C20-1	(see Photo15 and 16). Various E&S controls are installed at this location and sedimentation continues to occur.	
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	N/A	N/A	
	Bi-Week	N/A	N/A	

Water Crossings	Interim Week	<p>No changes in conditions since the previous inspection. Areas that need to be addressed as part of restoration have been reported to the project inspectors and contractor. Site restoration and stabilization is in progress at this time. Areas will continue to be monitored until deemed closed out by the Project inspectors/Project Managers.</p>	N/A	
	Bi-Week	<p>Timber mats in the area of Wetland W-20/VP-C20-1 have significant buildup sediments. Sediment impacts to W-20/VP-C20-1 was observed (see Photo 15).</p>	<p>Install/repair existing E&S controls, stabilize upland sediments, clean or remove timber mats, and restore W-20/VP-C20-1.</p>	

Erosion and Sedimentation Controls	Interim Week	Silt fence and overall E&S controls continue to degrade and fail at various locations throughout the ROW. Restoration, stabilization, and required E&S control repairs/replacements are in progress at this time. Areas will continue to be monitored.	N/A	
	Bi-Week	Conditions are the same as previous week, no significant changes. E&S controls in place continue to degrade and fail. Sediment traps are full, excessive volume of sediment buildup on silt fences are causing complete failures or break through, water bars are flattened or filled with sediments, and rock filled swales are packed with sediments.	Repair or replace all failing E&S, clean and regrade water bars, remove sediment buildup from silt fences and sediment traps, clean rock filled swales. Remove off access road sediment impacts, and stabilize disturbed ground surfaces.	
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	<p>BluRoc has personnel on site at this time performing required restoration, stabilization and E&S control repairs/replacement.</p> <p>As discussed in the previous Biweekly Report (# 36), a small area of sedimentation was observed at the abutting edge of Wetland W-E2 at the access road.</p> <p>The decoy vernal pools (DVP's) are still present and require road drainage improvements (BMPs) to eliminate surface water impoundments per the D&M Plan.</p>	Restoration of impacts to wetlands and watercourse will be addressed during final site restoration and stabilization.	


<p style="text-align: center;">Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</p>	<p style="text-align: center;">Bi-Week</p>	<p>See previous report sections.</p>		
<p style="text-align: center;">Spills and Material Storage</p>	<p style="text-align: center;">Interim-Week</p>	<p>A release of diesel fuel (a quantity of less than 10-gallons) to an asphalt covered driveway from a contracted topsoil delivery truck was reported on 5/9/2018 at 10am while working in the area of Str77 (driveway of 92 Hopkins Rd, Litchfield). The release was cleaned using approved detergents and absorbent collection materials. Approx. <1 sq ft area was stained.</p>	<p>CTDEEP was notified by the contractor- CTDEEP Rep: Badge 205 Case #:201802239</p>	
	<p style="text-align: center;">Bi-Week</p>	<p>None reported, none observed during this inspection.</p>	<p style="text-align: center;">N/A</p>	

Rare, Threatened, and Endangered Species	Interim Week	During this inspection egg masses were observed in various vernal pools/wetland areas. No rare, threatened or endangered species observed during this inspection.	N/A	
	Bi-Week	None reported, none observed during this inspection.	N/A	
<p>Additional Documentation Comments:</p> <p>Notes:</p> <p>Open Items from previous inspections: List of items compiled over the winter months and reviewed by Project management will be addressed as part of restoration.</p> <p>Closed Items from previous inspections:</p>				

Next likely scheduled inspection: 05/25/2018

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: 05/18/2018, Watertown: Map 10, combined work pads Str27-Str28, BluRoc setting up to resume stabilization/restoration work. Photo taken facing south along the access road, Str27 in the distance.



Photo 2: 05/18/2018, Watertown: Map 10, combined work pads Str27-Str28, area regraded and the rock filled swale reconstructed. Photo taken facing north along the access road, Str28 in the distance.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
05/18/2018	Paul Cyr	8 of 16	Watertown to Harwinton	Biweekly Report #38	

Photograph Log
Frost Bridge to Campville 115kV Project



Photo 3: 05/18/2018, Watertown: Map 10, combined work pads Str27-Str28, area has been regraded and the rock filled swale reconstructed. Photo taken facing east across the pad.



Photo 4: 05/18/2018, Watertown: Map 11, Str32 upland slope and pad not stabilized, visible erosion of the slope and lower pad is occurring. Photo taken facing south from the access road.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
05/18/2018	Paul Cyr	9 of 16	Watertown to Harwinton	Biweekly Report #38	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 5: 05/18/2018, Watertown: Map 11, north of Str32 sediment trap filled to capacity and failing silt fence and degraded hay bales. Photo taken facing north along the east side of the access road.



Photo 6: 05/18/2018, Watertown: Map 11, north of Str32 sediment trap filled to capacity, failing silt fence and degraded hay bales, stone filled water bar packed with sediment. Photo taken facing north along the access road in the direction of Str33.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
05/18/2018	Paul Cyr	10 of 16	Watertown to Harwinton	Biweekly Report #38	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 7: 05/18/2018, Watertown: Map 12, south of Str33 sediment trap filled to capacity and visible access road erosion (rills). Photo taken facing north along the access road, Str33 in the distance.



Photo 8: 05/18/2018, Watertown: Map 12, south of Str33 sediment trap filled to capacity. Photo taken facing east along the east side of the access road to Str33.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
05/18/2018	Paul Cyr	11 of 16	Watertown to Harwinton	Biweekly Report #38	

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



Photo 9: 05/18/2018, Watertown: Map 12, east side of the Str35 work pad, failing silt fence, excessive sediment buildup on silt fence, visible slope erosion (rills), and no pad stabilization measures. Photo taken facing southeast from the pad toward the abutting wetland (W-C15).



Photo 10: 05/18/2018, Watertown: Map 13, access road south of Str36, failing silt fence abutting wetland W-C15. Photo taken facing north along the access road toward Str36.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
05/18/2018	Paul Cyr	12 of 16	Watertown to Harwinton	Biweekly Report #38	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 11: 05/18/2018, Watertown: Map 13, access road south of Str36, failing silt fence abutting wetland W-C15 and access road erosion. Photo taken facing east along the access road toward Wetland W-C15.



Photo 12: 05/18/2018, Watertown: Map 13, northwest corner of the Str38 work pad, pad and slope erosion. Photo taken facing northeast off the access road and down the pad slope.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
05/18/2018	Paul Cyr	13 of 16	Watertown to Harwinton	Biweekly Report #38	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 13: 05/18/2018, Watertown: Map 13, northwest corner of the Str38 work pad, pad and slope erosion. Photo taken facing northeast off the access road and down the pad slope.



Photo 14: 05/18/2018, Watertown: Map 13, northwest corner of the Str38 work pad, pad and slope erosion, pad stabilization measures (seeded last fall) failed. Photo taken facing south along the access road and work pad.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
05/18/2018	Paul Cyr	14 of 16	Watertown to Harwinton	Biweekly Report #38	

Photograph Log

Frost Bridge to Campville 115kV Project



Photo 15: 05/18/2018, Watertown: Map 14, timber mat crossing at W-C20/VP-C20-1, access road erosion, water bar failure, heavy sedimentation on timber mats, and visible impacts to surrounding area (w-C20/VP-C20-1). Photo taken facing south toward Str39.



Photo 16: 05/18/2018, Watertown: Map 14, south of timber mat crossing at W-C20/VP-C20-1, access road erosion, water bar failure, causing heavy sedimentation on timber mats, and visible impacts to surrounding area (w-C20/VP-C20-1). Stabilization measures were in place last fall but were not maintained throughout the winter months.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
05/18/2018	Paul Cyr	15 of 16	Watertown to Harwinton	Biweekly Report #38	

Photograph Log
Frost Bridge to Campville 115kV Project



Photo 17: 05/18/2018, Watertown: Map 16, access road to Str45, stabilized last fall with hydro seed applications. Good growth at this time, no visible erosion. Photo taken facing upland, southeast toward Str45.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	FBC
05/18/2018	Paul Cyr	16 of 16	Watertown to Harwinton	Biweekly Report #38	