



124 Grove Street  
Suite 215  
Franklin, MA 02038

508.298.1500 PHONE  
508.298.1501 FAX

[www.TRCSolutions.com](http://www.TRCSolutions.com)

February 20, 2018

Mr. Robert Stein, Chairman  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

**Subject: Docket No. 468, Plumtree Substation to Brookfield Junction 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 #10, for the **February 8<sup>th</sup>**, and **February 15<sup>th</sup>, 2018** inspection events for the construction of the Eversource Plumtree Substation to Brookfield Junction 115-kV Project.

If you have any questions, please contact me at [kobrion@trcsolutions.com](mailto:kobrion@trcsolutions.com) or (508) 298-1009.

Sincerely,

A handwritten signature in black ink, appearing to read 'K. O'Brion', is positioned above the typed name.

Kevin M. O'Brion  
Environmental Scientist/Project Manager  
TRC Environmental Corp.

Enclosure

cc- Ian Cole (email), Eversource  
TRC Files  
Paul Cyr-TRC

**Docket No. 468– 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 Southwest Connecticut Reliability Project, specifically the Plumtree to Brookfield 115-kV Transmission Line and the Plumtree Substation in Bethel (Project). For the Project, Eversource is in the process of constructing a new 3.4-mile, overhead electric transmission line between its Plumtree Substation in the Town of Bethel and its Brookfield Junction Substation in the Town of Brookfield, and also making minor related modifications to the Stony Hill Substation in Brookfield and Plumtree Substation in Bethel. In addition, two existing 115-kV line entries to Stony Hill Substation are being reconfigured as part of the Project. These electrical system modifications are located within Eversource's existing right-of-way (ROW) or substation properties in Fairfield County, Connecticut. Pursuant to the CSC's approval of the Project, this report presents the results of the 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:** 02/08/2018

**Inspector:** Paul Cyr

**Rain Event:**

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

- Bethel, Map 01-02, Str1000 through Str1005
- Bethel, Map 03, Str1007 and Wetland W1
- Danbury, Map 06, Str1012-Str1013
- Bethel, Map 11, Str1021
- Bethel/Brookfield, Map 12, Str1022-Str1023
- Brookfield, Map 13, Str1024, Str1025

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

Supreme graded and placed stone tracking pads at the Plumtree Substation and Str1000-Str1005 access roads and completed timber matting of the structures and pull pads in this area of Wetland W1 as well. Supreme continues to stage timber mats in the area of structure Str1000-Str1003 for project wide use. Supreme crews have started matting into W-1 to access Str1007 and rough grading pad areas at Str1023-1024.

**ROW/SUBSTATIONS**

**Bi-Weekly Week Inspection:**

**Date:** 02/15/2018

**Inspector:** Paul Cyr

**Rain Event:**

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

- Bethel, Map 11, Str1021
- Bethel/Brookfield, Map 12, Str1022-Str1023
- Brookfield, Map 13, Str1024-Str1027
- Bethel, Map 09, Str1017
- Bethel, Map 08, Str1016-Str1015
- Bethel, Map 01-02, Str1000 through Str1005
- Bethel, Map 03, Str1007 and Wetland W1
- Bethel & Danbury, Map 04, Str1008
- Danbury, Map 05, Str1009

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

Supreme was actively grading the stone course at Str1023 (Bethel/Brookfield, Map 12, see Photo 1), and cutting rough grade at Str1009(Danbury, Map 05, see Photo 2). Timber mat placement at Str1007(Bethel, Map 03) is completed(see Photo 3) and timber mat placement is in progress at Str1008(Danbury, Map 04).

<b>Areas of Inspection</b>		<b>Observation:</b>	<b>Recommended Action/s:</b>	<b>Corrected Action/s:</b>
<b>Access Roads and Adjacent Roadways</b>	<b>Interim Week</b>	Access roads appear to be in good condition. No tire rutting or rills observed. No off ROW tracking of sediments observed. Stone tracking pads were installed at the access point to Str1003-1005.	N/A	
	<b>Bi-Week</b>	Access roads appear to be in good condition. No tire rutting or rills observed. No off ROW tracking of sediments observed.	N/A	
<b>Vegetative Clearing Limits (Including trees to save or danger trees noted.</b>	<b>Interim Week</b>	The limits of disturbance have been marked out with orange flagging in the areas of active vegetation and tree clearing. No out of bounds clearing was observed.	N/A	
	<b>Bi-Week</b>	The limits of disturbance have been marked out with orange flagging. No out of bounds clearing was observed.	N/A	

<b>Water Crossings</b>	<b>Interim Week</b>	No changes in conditions since last inspection. No impacts to wetlands/watercourse at designated water crossings due to site activities.	N/A	
	<b>Bi-Week</b>	No impacts to wetlands/watercourse observed at designated water crossings due to site activities. Timber mat crossings appear to be maintained at this time and sediment buildup is minimal due to surrounding grade frost conditions.	N/A	

<b>Erosion and Sedimentation Controls</b>	<b>Interim Week</b>	<p>E&amp;S controls installed to date are according to the D&amp;M plan and per Eversource's BMPs.</p> <p>Blown hay was placed over disturbed soil areas between Str1025 and Str1026 (Brookfield, Map 13).</p> <p>Stone tracking pads installed at access to Str1000-Str1005.</p>	N/A	
	<b>Bi-Week</b>	<p>E&amp;S controls installed to date are according to the D&amp;M plan and per Eversource's BMPs.</p>	N/A	
<b>Inland Wetland &amp; Watercourse encroachment &amp; mitigation</b>	<b>Interim Week</b>	<p>Wetland and watercourse areas are flagged. No encroachment issues observed.</p>	N/A	


<p><b>Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</b></p>	<p><b>Bi-Week</b></p>	<p>Wetland and watercourse areas are flagged. No encroachment issues observed.</p>	<p>N/A</p>	
<p><b>Spills and Material Storage</b></p>	<p><b>Interim-Week</b></p>	<p>No spills observed, no spill reported. No hazardous or petroleum products observed on site.  Spill kits and proper secondary containment equipment observed in active work areas.</p>	<p>N/A</p>	
	<p><b>Bi-Week</b></p>	<p>No spills observed, no spill reported. No hazardous or petroleum products observed on site except at the project lay-down yard. The above ground storage tank has secondary containment and is properly staged for ease of access →</p>	<p>and not near any body of water or drainage area. Spill kits and proper secondary containment equipment observed in active work areas for refueling activities.</p>	

<b>Rare, Threatened, and Endangered Species</b>	<b>Interim Week</b>	None observed, none reported.	N/A	
	<b>Bi-Week</b>	None observed, none reported.	N/A	
<p><b>Additional Documentation</b>  <b>Comments:</b></p> <p><b>Notes:</b></p>				
<p><b>Open Items from previous inspections:</b></p> <p><b>Closed Items from previous inspections:</b></p>				

**Next likely scheduled inspection:** 2/22/2018

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

## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 1: 02/08/2018, Bethel: Maps 01-02, south end of pull pad abutting Str1005 in Wetland W1, photo taken facing south.



Photo 2: 02/08/2018, Bethel: Map 03, start of timber mat installation in Wetland W1 to access Str1007 to the west, photo facing west from the east access point off Shelter Rock Road.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
02/08/2018	Paul Cyr	8 of 10	Bethel to Brookfield	Interim Report #10	

# Photograph Log

## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 1: 02/15/2018, Bethel/Brookfield: Map 12, grading stone course at Str1023, photo taken facing south.



Photo 2: 02/15/2018, Danbury: Map 09, cutting grade and rough grading of pad at Str1009, photo taken facing southeast.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
02/15/2018	Paul Cyr	09 of 10	Bethel to Brookfield	Biweekly Report #10	

# Photograph Log

## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 3: 02/15/2018, Bethel: Map 03, timber mat installation completed in Wetland W1 to access Str1007 to the west, photo facing west from the east access point off Shelter Rock Road.



Photo 4: 02/15/2018, Danbury: Map 04, timber mat installation in progress in Wetland W1 at Str1008, Photo taken facing south toward Str1008.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
02/15/2018	Paul Cyr	10 of 10	Bethel to Brookfield	Biweekly Report #10	