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October 18, 2017

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

**Subject: Docket No. 468, Southwest Connecticut Reliability Project, specifically the Plumtree Substation to the Brookfield Junction 115-kV Transmission Line Project.**

**Decision and Order Condition #4 – Independent Environmental Inspector Report**

Dear Mr. Stein,

Please find enclosed the Biweekly Independent Environmental Inspector Report, Report #01, for the **October 5<sup>th</sup>** and **October 12<sup>th</sup> 2017** inspection events for the construction of the Eversource Plumtree 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 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:** 10/05/2017

**Inspector:** Paul Cyr

**Rain Event:**

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

-Brookfield, Exhibit 2B Vol 2 D&M Plan, Stony Hill Substation Expansion, Str4647A, and Wetland W7.

**ROW/SUBSTATIONS**

**Bi-Weekly Week Inspection:**

**Date:** 10/12/2017

**Inspector:** Paul Cyr

**Rain Event:**

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

-Brookfield, Exhibit 2B Vol 2 D&M Plan, Stony Hill Substation Expansion, Str4647A, and Wetland W7.

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

Concrete base poured last week (09/27/17) for structure 4647A as part of the 1485 line modification. Orange flagging and silt fence was observed delineating wetland area(W7) and the limit of vegetation removal. No active work observed today on structure 4647A or the immediate surrounding area. Substation expansion work is on going.

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

No change in conditions from the previous inspection. Michels Electrical Contractors on site setting up to start construction of the steel pole at structure 4647A.

<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>	Project vehicles are utilizing the existing Stony Hill Substation access road for the Substation expansion task and for the installation of the new 4647 structure. The access road is in good condition.	N/A	
	<b>Bi-Week</b>	No change	N/A	
<b>Vegetative Clearing Limits (Including trees to save or danger trees noted.</b>	<b>Interim Week</b>	Clearing was performed prior to the start of the Stony Hill Substation expansion task. The limit of disturbance has been marked out with orange flagging and silt fencing installed.	N/A	
	<b>Bi-Week</b>	No Change	N/A	

<b>Water Crossings</b>	<b>Interim Week</b>	No water crossings exist at the Stony Hill Substation expansion area or in the vicinity of structure 4647A.	N/A	
	<b>Bi-Week</b>	No Change	N/A	

<b>Erosion and Sedimentation Controls</b>	<b>Interim Week</b>	Installed and maintained according to BMP's.	N/A	
	<b>Bi-Week</b>	No change	N/A	
<b>Inland Wetland &amp; Watercourse encroachment &amp; mitigation</b>	<b>Interim Week</b>	No out of bounds veg clearing or wetland and watercourse disturbance observed in the vicinity of the Stony Hill Substation work area or at or near structure 4647A.	N/A	

<p><b>Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</b></p>	<p><b>Bi-Week</b></p>	<p>No change.</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.</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.</p>	<p>N/A</p>	

<b>Rare, Threatened, and Endangered Species</b>	<b>Interim Week</b>	None pertaining to the Stony Hill Expansion task.	N/A	
	<b>Bi-Week</b>	None pertaining to the Stony Hill Expansion task.	N/A	

**Additional Documentation Comments:**

**Notes:**

**Open Items from previous inspections:**


**Closed Items from previous inspections:**



**Next likely scheduled inspection:** 10/19/2017

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

## Southwest Connecticut Reliability Project

### Plumtree to Brookfield Junction



Photo 1: 10/05/17, Stony Hill Substation, Str4647A concrete base, photo taken facing southwest.



Photo 2: 10/05/17, Stony Hill Substation, Str4647A concrete base, photo taken facing north.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
10/05/2017	Paul Cyr	8 of 9	Bethel to Brookfield	Interim Report #01	



**Photograph Log**  
**Southwest Connecticut Reliability Project**  
**Plumtree Substation to Stony Hill Substation**



Photo 3: 10/05/17, Stony Hill Substation, silt fence installation along veg clearing limits.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
10/05/2017	Paul Cyr	9 of 9	Bethel to Brookfield	Interim Report #01	

# Photograph Log

## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 1: 10/12/17: Stony Hill Substation, Str4647A access road, photo taken facing east.



Photo 2: 10/12/17: Stony Hill Substation, Str4647A access road, photo taken facing west.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
10/12/2017	Paul Cyr	10 of 12	Bethel to Brookfield	Biweekly Report #01	



# Photograph Log

## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 3: 10/12/17: Stony Hill Substation, silt fencing placement, photo taken facing east.



Photo 4: 10/12/17: Stony Hill Substation, silt fencing placement, photo taken facing west in the area of wetland W7.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
10/12/2017	Paul Cyr	11 of 12	Bethel to Brookfield	Biweekly Report #01	



**Photograph Log**  
**Southwest Connecticut Reliability Project**  
**Plumtree To Brookfield Junction**



Photo 5: 10/12/17: Stony Hill Substation, structure 4647A sections.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
10/12/2017	Paul Cyr	12 of 12	Bethel to Brookfield	Biweekly Report #01	