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December 8, 2017

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 the enclosed Biweekly Independent Environmental Inspector Report, Report #5, for the **November 30<sup>th</sup>** and **December 7<sup>th</sup>, 2017** 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:** 11/30/2017

**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:** 12/07/2017

**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)

No active work observed today on structure 4647A or the immediate surrounding area.

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

No active work observed today on structure 4647A or the immediate surrounding area.

<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>	The access road is in good condition. No tire rutting or rills observed.	N/A	
	<b>Bi-Week</b>			
<b>Vegetative Clearing Limits (Including trees to save or danger trees noted.</b>	<b>Interim Week</b>	The limit of disturbance has been marked out with orange flagging and silt fencing installed. No out of bounds clearing observed.	N/A	
	<b>Bi-Week</b>			

<b>Water Crossings</b>	<b>Interim Week</b>	N/A	N/A	
<b>Water Crossings</b>	<b>Bi-Week</b>			

<b>Erosion and Sedimentation Controls</b>	<b>Interim Week</b>	Silt fencing installed along the limits of disturbance is installed according to BMP's, functioning as designed, and maintained.	N/A	N/A
	<b>Bi-Week</b>	Minor repairs needed to a 10-foot section of the silt fence in the northeast corner. Fabric detached along the upper edge of the stakes and needs to be reattached with staples. Under the current conditions the functionality of the silt fence is not compromised.	Spoke with the Eversource project/construction inspector and the silt fence will be repaired by the end of the day.	Silt fence will be repaired and maintained as needed. Currently E&S controls are checked regularly for compliance with BMPs.
<b>Inland Wetland &amp; Watercourse encroachment &amp; mitigation</b>	<b>Interim Week</b>	None observed	N/A	

Inland Wetland and Watercourse encroachment and mitigation ( <i>Continued from previous page</i> )	Bi-Week			
	Spills and Material Storage	Interim-Week	No spills observed, no spill reported. No hazardous or petroleum products observed on site.	N/A
Bi-Week				

<b>Rare, Threatened, and Endangered Species</b>	<b>Interim Week</b>	N/A	N/A	
	<b>Bi-Week</b>			

**Additional Documentation  
 Comments:**

**Notes:**

At this time, inspections only occurring at Stony Hill Substation. The Plumtree Substation to Brookfield Junction work is tentatively scheduled to start the December 11, 2017.


**Open Items from previous inspections:**

**Closed Items from previous inspections:**

**Next likely scheduled inspection:** 12/15/2017

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 Substation to Stony Hill Substation**



Photo 1: 12/07/17, Str4647A, northeast corner silt fence line, photo taken facing east.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
12/07/2017	Paul Cyr	8 of 8	Bethel to Brookfield	Biweekly Report #05	