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March 5, 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 #11, for the **February 22<sup>nd</sup>**, and **March 1<sup>st</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 'Kevin M. 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:** 02/22/2018

**Inspector:** Paul Cyr

**Rain Event:**

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

- Danbury, Map 04, Str1008
- Danbury, Map 05, Str1009 and Str1010
- Brookfield, Exhibit 2B Vol 2 D&M Plan, Stony Hill Sub

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

Supreme continues to work in the areas of Str1008-Str1010 constructing access roads and structure pads, and installation of E&S controls (see Photos 1-6).

**ROW/SUBSTATIONS**

**Bi-Weekly Week Inspection:**

**Date:** 03/01/2018

**Inspector:** Paul Cyr

**Rain Event:**

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

- Danbury, Map 06, Str1012 and Str1013
- Danbury, Map 04, Str1008
- Danbury, Map 05, Str1009 and Str1010

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

Supreme continues to work in the ROW constructing and/or improving existing access roads, structure pads, and the installation of E&S controls.

<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.	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>	Vegetation clearing at Str1010 in Wetland W1 was completed last week and timber mats installation was completed this week (see Photo 7).	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>	<p>No impacts were observed to wetlands/watercourse at designated water crossings as a result of site activities. Timber mat crossings and pads constructed within wetlands were clear of excess sediments. Supreme has equipment being delivered to the site tomorrow (pending potential weather delays) for removing excess sediments from the exposed top surfaces of the timber mats.</p> <p>Pad for Str1010 completed (see Photo 7).</p>	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 and for slope stabilization in the area of Str1009. A drainage swale was constructed around the base of the slope at Str1009 (see photos 2-3) and hay bales placed at toe of slope abutting Wetland W1.</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. E&amp;S controls were installed along the access road to Str1010 abutting Wetland W1 (see Photo 8).</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 style="text-align: center;"><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 or impact issues observed.</p>	<p>N/A</p>	
	<p style="text-align: center;"><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>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.</p> <p>Spill kits and proper secondary containment equipment observed in active work areas.</p>	<p>N/A</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	

**Additional Documentation  
 Comments:**

**Notes:**


**Open Items from previous inspections:**

**Closed Items from previous inspections:**

**Next likely scheduled inspection:** 3/08/2018

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: 02/22/2018, Danbury: Map 04, access road to Str1008, Wetland W1 primarily off to the left of the access road, photo taken facing south toward Str1008.



Photo 2: 02/22/2018, Danbury: Map 05, construction of pad at Str1009 and Str10263, photo taken facing southeast.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
02/22/2018	Paul Cyr	8 of 11	Bethel to Brookfield	Interim Report #11	

# Photograph Log

## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 3: 02/22/2018, Danbury: Map 04, mulch placement for slope stabilization and stone filled swale at toe of slope for drainage, photo taken facing southeast.



Photo 4: 02/22/2018, Danbury: Map 04, stone filled swale, mulch placement, and hay bales abutting Wetland W1 at bottom of slope east of Str1009, photo taken facing north towards Str1010.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
02/22/2018	Paul Cyr	9 of 11	Bethel to Brookfield	Interim Report #11	

# Photograph Log

## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 5: 02/22/2018, Danbury: Map 04, swale with check dams, mulch placement, and hay bales abutting Wetland W1 at bottom of slope east of Str1009, photo taken facing south towards Str1008.



Photo 6: 02/22/2018, Danbury: Map 04, stone filled swale, mulch placement, and hay bales abutting Wetland W1 at bottom of slope southeast of Str1009, photo taken facing north towards Str1010.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
02/22/2018	Paul Cyr	10 of 11	Bethel to Brookfield	Interim Report #11	

# Photograph Log

## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 7: 03/01/2018, Danbury: Map 05, Str1010 pad completed, veg clearing completed and timber mats installed.



Photo 8: 03/01/2018, Danbury: Map 05, access road to Str1010, E&S installed between the gravel road and Wetland W1.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
03/01/2018	Paul Cyr	11 of 11	Bethel to Brookfield	Biweekly Report #11	