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March 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 #12, for the **March 8<sup>th</sup>**, and **March 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 '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:** 03/08/2018

**Inspector:** Paul Cyr

**Rain Event:** See Below- NWS snowfall totals

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

Inspection canceled due to weather. Heavy snowfall across the state occurred on Wednesday (3/7/18) into Thursday (3/8/18). Supreme canceled site work for Wednesday and snow removal activities began Thursday afternoon and into Friday. As of 1800 hrs on 3/7/18 Danbury registered 10.9", as of 2330 hrs on 3/7/18 Brookfield registered 12.8" and Bethel registered 11.0", and as of 0330 hrs on 3/8/18 New Fairfield registered 26.8" and Newtown 24.3" of snowfall.

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

As reported by Marleigh Sullivan (BSI Group) on 3/9/18 for activities that occurred during the week:

This week, civil crews continued west of Old Sherman Turnpike (preparing gravel access/work surfaces and matted access and work surfaces). They anticipate finishing the workpad to str.1011 today and they finished the gravel surfaces west Old Sherman. Snow removal, Project-wide, was started yesterday afternoon and continues today. After today or tomorrow morning, Supreme will be switching to another project for two weeks and will either start up off of Hearthstone or the east side of Old Sherman Turnpike.

**ROW/SUBSTATIONS**

**Bi-Weekly Week Inspection:**

**Date:** 03/15/2018

**Inspector:** Paul Cyr

**Rain Event:**

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

-Danbury, Map 06, Str1013, Str1012, Str1011, and Wetland W1 (rare species protection protocols)  
-Brookfield, Exhibit 2B Vol 2 D&M Plan, Stony Hill Substation

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

Supreme is off Site this week. Miller Drilling will be setting up and starting to drill (drilled shaft foundation) at Str1000 today.

<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>	Inspection canceled due to snow event.		
	<b>Bi-Week</b>	Snow and/or ice covered at the time of this inspection.	N/A	
<b>Vegetative Clearing Limits (Including trees to save or danger trees noted.</b>	<b>Interim Week</b>	Inspection canceled due to snow event.		
	<b>Bi-Week</b>	N/A	N/A	

<b>Water Crossings</b>	<b>Interim Week</b>	Inspection canceled due to snow event.		
	<b>Bi-Week</b>	None observed at the time of this inspection.	N/A	

<b>Erosion and Sedimentation Controls</b>	<b>Interim Week</b>	Inspection canceled due to snow event.		
	<b>Bi-Week</b>	E&S controls inspected were installed per Eversources BMPs and maintained accordingly.	N/A	
<b>Inland Wetland &amp; Watercourse encroachment &amp; mitigation</b>	<b>Interim Week</b>	Inspection canceled due to snow event.		

Inland Wetland and Watercourse encroachment and mitigation ( <i>Continued from previous page</i> )	Bi-Week	No issues observed	N/A	
	Spills and Material Storage	Interim-Week	Inspection canceled due to snow event.	
Bi-Week		None observed, none reported.	N/A	

<b>Rare, Threatened, and Endangered Species</b>	<b>Interim Week</b>	Inspection canceled due to snow event.		
	<b>Bi-Week</b>	Areas are properly flagged and visible signage is present.	N/A	

**Additional Documentation  
 Comments:**

Due to the predawn hours (0630) of the inspection conducted on 3/15/18, Photos for the 3/15/18 report were provided by Marleigh Sullivan (BSC Group) which were collected later in the morning after sunrise.

**Notes:**


**Open Items from previous inspections:**

**Closed Items from previous inspections:**

**Next likely scheduled inspection:** 3/22/2018

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: 03/15/2018, Bethel: Map 01, setting up equipment at Str1000 to start drilling structure base foundation hole. Photo taken facing east towards Str1000 and the Plumtree Substation.

Photo Credit: Marleigh Sullivan (BSC Group).



Photo 2: 03/15/2018, Bethel: Map 01, setting up equipment at Str1000 to start drilling structure base foundation hole. Photo taken facing east towards Str1000 and the Plumtree Substation. Photo Credit: Marleigh Sullivan (BSC Group).

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# Photograph Log

## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 3: 03/15/2018, Danbury: Map 06, pull pad construction completed east of Str1012, area graded and stone base material placed to final grade. Photo taken facing west towards Str1012. Photo Credit: Marleigh Sullivan (BSC Group).



Photo 4: 03/15/2018, Danbury: Map 06, timber mat constructed pads and access road from Str1012 south to Str1011 through Wetland W1. Photo taken facing South from Str1012 to Str1011 in the distance. Photo Credit: Marleigh Sullivan (BSC Group).

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## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 5: 03/15/2018, Danbury: Map 06, timber mat constructed work pad at Str1011. Photo taken facing south towards Str1011. Photo Credit: Marleigh Sullivan (BSC Group).

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