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April 4, 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 #13, for the **March 23<sup>rd</sup>**, and **March 28<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:** 03/23/2018

**Inspector:** Paul Cyr

**Rain Event:**

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

- Bethel, Map 01-03, Str1000 through Str1006
- Bethel, Map 03, Str1007 and Wetland W1
- Bethel, Map 11, Str1021
- Bethel/Brookfield, Map 12, Str1022-Str1023
- Brookfield, Maps 13-13A, Str1024-Str1027
- Brookfield, Exhibit 2B Vol 2 D&M Plan, Stony Hill Sub

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

Supreme and Michel's crews are off site this week. Work areas inspected were active the week prior.

**Inspection Photos-**

- Michel's Drilling equipment setup to resume work in the area of Str1000-Str1006 drilling foundation holes (see Photos 1 and 2). Spill protection and spill cleanup kits observed in the work area.
- Placement of timber mats and the work pad for Str1007 is completed (see Photo 3). Drilling of structure not yet started. Wetland W1 also shown in photo.
- Wetland invasive species seed bank segregation material removed from the top 4.5-feet of land fill cover (Per the D&M Plan), is currently staged in the area of Str1009 (see photo 4) and to be transported off site to an approved landfill.

**ROW/SUBSTATIONS**

**Bi-Weekly Week Inspection:**

**Date:** 3/28/2018

**Inspector:** Paul Cyr

**Rain Event:**

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

- Bethel, Map 01-03, Str1000 through Str1006
- Danbury, Maps 04-05, Str1008 through Str1010
- Bethel, Maps 11-13, Str1021 through Str1027

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

Observed Supreme constructing a gravel access road to Str1013 (see Photo 5). Supreme is on site this week continuing Civil work, Michel's is expected to return on Monday 4/2/18 and resume structure base/foundation drilling.

<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>	Clean and clear of excess sediments and/or debris. No off ROW tracking of sediments was observed on public access roads.	N/A	
	<b>Bi-Week</b>	Clean and clear of excess sediments and/or debris. No off ROW tracking of sediments was observed on public access roads. Construction of gravel access road to Str1013 in progress (see Photo 5).	A light coating of deicing mixture on timber mats in the work area of Str1000-Str1006 was observed. At this time it is not considered excessive buildup but will continue to monitor conditions.	
<b>Vegetative Clearing Limits (Including trees to save or danger trees noted.</b>	<b>Interim Week</b>	N/A	N/A	
	<b>Bi-Week</b>	N/A	N/A	

<b>Water Crossings</b>	<b>Interim Week</b>	Water crossings are clear of excess sediments. No impacts to wetlands and/or watercourses was observed at the time of this inspection. Timber mats shown in Photos 1, 2, and 3.	N/A	
	<b>Bi-Week</b>	Water crossings are clear of excess sediments. No impacts to wetlands and/or watercourses was observed at the time of this inspection.	N/A	

<b>Erosion and Sedimentation Controls</b>	<b>Interim Week</b>	E&S controls presently installed are maintained and functioning as designed.	N/A	
	<b>Bi-Week</b>	E&S controls presently installed are maintained and functioning as designed.	N/A	
<b>Inland Wetland &amp; Watercourse encroachment &amp; mitigation</b>	<b>Interim Week</b>	No visible impacts to wetlands or watercourses were observed in any of the work areas inspected today. Wetland W1 can be seen in Photos 2 and 3.	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 visible impacts to wetlands or watercourses were observed in any of the work areas inspected today.</p>	<p>N/A</p>	
<p><b>Spills and Material Storage</b></p>	<p><b>Interim-Week</b></p>	<p>None observed, none reported. Spill prevention equipment being utilized (see Photo 1) and spill response kits are staged at all active work areas.</p>	<p>N/A</p>	
	<p><b>Bi-Week</b></p>	<p>None observed, none reported. Spill prevention equipment being utilized and spill response kits are staged at all active work areas.</p>	<p>N/A</p>	

<b>Rare, Threatened, and Endangered Species</b>	<b>Interim Week</b>	No reported observations to date. Turtle season starts April 2nd and inspectors and contractors have required training.	N/A	
	<b>Bi-Week</b>	No reported observations to date. Turtle season starts April 2nd and inspectors and contractors have required training.	N/A	
<b>Additional Documentation Comments:</b>				
<b>Notes:</b>				
<b>Open Items from previous inspections:</b>				
<b>Closed Items from previous inspections:</b>				

**Next likely scheduled inspection:** 4/05/2018

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: 03/23/2018, Bethel: Map 02, Str1000-1006, photo of spill protection under operating equipment/staged equipment, over timber mats placed within wetland W1.



Photo 2: 03/23/2018, Bethel: Map 02, Str1002, drilling structure foundation holes.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
03/23/2018	Paul Cyr	08 of 10	Bethel to Brookfield	Interim Report #13	

# Photograph Log

## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 3: 03/23/2018, Bethel: Map 03, Str1007 timber mat access and work pad through Wetland W1.



Photo 4: 03/23/2018, Danbury: Map 05, Str1009 work pad area, staged Wetland invasive species seed bank segregation material excavated from the top 4.5-feet of the landfill and to be disposed of off-site at an approved landfill.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
03/23/2018	Paul Cyr	09 of 10	Bethel to Brookfield	Interim Report #13	

# Photograph Log

## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 5: 03/28/2018, Danbury: Map 06, access road construction to Str1013.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
03/28/2018	Paul Cyr	10 of 10	Bethel to Brookfield	Biweekly Report #13	