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July 24, 2018

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

**Subject: Docket No. 468, Plumtree 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 #21, for the **July 13<sup>th</sup>** and **July 19<sup>th</sup> 2018** inspection events for the construction of the Eversource Plumtree to Brookfield Junction 115-kV Project.

If you have any questions, please contact me at [pmartin@trcsolutions.com](mailto:pmartin@trcsolutions.com) or (978) 656-3631.

Sincerely,

A handwritten signature in black ink that reads "Paul D. Martin". The signature is written in a cursive, flowing style.

Paul Martin  
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:** 07/13/2018

**Inspector:** Paul Cyr

**Rain Event:**

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

- Bethel, Maps 01-03, Str1000 through Str1006
- Bethel, Map 03, Str1007 and Wetland W1
- Danbury, Maps 04-05, Str1008 through Str1010
- Danbury, Map 06, Str1011 through Str1013
- Bethel, Maps 07-08, Str1014 through Str1016
- Bethel, Maps 10-11, Str1019, Str1020, Str1021
- Bethel/Brookfield, Map 12, Str1022-Str1023
- Brookfield, Maps 13-13A, Str1024

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

No active work observed today. Michels is off site at this time. Michels is tentatively scheduled to return in late July early August to begin counterpoise installation. Counterpoise installation will take approximately two weeks to complete. As of this inspection, areas of the ROW are in various stages of stabilization. Supreme will perform the bulk of restoration and soil stabilization following the installation of counterpoise. Restoration/soil stabilization is expected to continue through October 2018.

**ROW/SUBSTATIONS**

**Bi-Weekly Week Inspection:**

**Date:** 7/19/2018

**Inspector:** Paul Cyr

**Rain Event:**

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

- Bethel, Maps 01-03, Str1000 through Str1006
- Bethel, Map 03, Str1007 and Wetland W1
- Danbury, Maps 04-05, Str1008 through Str1010
- Danbury, Map 06, Str1011 through Str1013
- Bethel, Maps 07-08, Str1014 through Str1016
- Bethel, Maps 10-11, Str1019, Str1020, Str1021
- Bethel/Brookfield, Map 12, Str1022-Str1023
- Brookfield, Maps 13-13A, Str1024

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

No changes to report. No visible erosion at any of the areas inspected today. Vegetation continues to grow and stabilize work area ground surfaces. Supreme is scheduled to be on site 07/23 to start restoration at Str1019. Supreme will work towards Str1027 but skip Str1023 which is slated for counterpoise. Counterpoise is slated for Plumtree Substation through to structure Str1003, and at Str1023. Counterpoise has yet to be scheduled but is anticipated to begin within a couple of weeks.

<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. All access roads are in accordance with BMPs.	N/A	
	<b>Bi-Week</b>	Clean and clear of excess sediments and/or debris. No off ROW tracking of sediments was observed. All access roads are in accordance with BMPs.	Continue to follow BMPs	
<b>Vegetative Clearing Limits (Including trees to save or danger trees noted.</b>	<b>Interim Week</b>	All clearing is completed.	N/A	
	<b>Bi-Week</b>	All clearing is completed.	N/A	

<b>Water Crossings</b>	<b>Interim Week</b>	Water crossings are clear of excess sediments. No project-related discharges observed. No impacts to wetlands and/or watercourses were observed at the time of this inspection.	N/A	
	<b>Bi-Week</b>	Water crossings are clear of excess sediments. No project-related discharges observed. No impacts to wetlands and/or watercourses were observed at the time of this inspection.	Continue to maintain and follow BMPs. Restoration is slated to begin at Str1019 on 7/23/18 and timber mat crossings and work pads will begin to be removed.	

<b>Erosion and Sedimentation Controls</b>	<b>Interim Week</b>	Water crossings are clear of excess sediments. No project-related discharges observed. No impacts to wetlands and/or watercourses were observed at the time of this inspection.	N/A	
	<b>Bi-Week</b>	E&S is maintained and functions as designed. No visible erosion observed.	Continue to maintain and follow BMPs. E&S will remain in place until disturbed ground is stabilized.	
<b>Inland Wetland &amp; Watercourse encroachment &amp; mitigation</b>	<b>Interim Week</b>	No impacts as a result of project related work to wetlands or watercourses were observed in any of the work areas inspected today.	N/A	

<p style="text-align: center;"><b>Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</b></p>	<p style="text-align: center;"><b>Bi-Week</b></p>	<p>No impacts as a result of project related work to wetlands or watercourses were observed in any of the work areas inspected today.</p>	<p>Timber mat pads are still in place. Restoration is slated to begin on 7/23/18. Areas slated for counterpoise will be skipped at this time. Counterpoise work has not yet been scheduled but is expected to start in the next couple of weeks.</p> <p>Counterpoise is slated for Plumtree Substation to Str1003 and at Str1023.</p>	
<p style="text-align: center;"><b>Spills and Material Storage</b></p>	<p style="text-align: center;"><b>Interim-Week</b></p>	<p>None observed, none reported.</p>	<p style="text-align: center;">N/A</p>	
	<p style="text-align: center;"><b>Bi-Week</b></p>	<p>Two stains on gravel surfaces within the Project area were reportedly observed while no crews were on site, one by Plumtree Substation and another on the pull pad west of Old Sherman Turnpike. Both stains are suspected to be from oil drips and occupy an approximate</p>	<p>1-2 foot diameter area of gravel covered ground surface. Since no Project activity has occurred since the last inspection, the observed spills are considered unrelated to the Project. Eversource has</p>	<p>contracted Clean Harbors to remove the impacted gravel and any underlying soil that has visible impacts related to the release.</p>

<b>Rare, Threatened, and Endangered Species</b>	<b>Interim Week</b>	None observed, no reports of sightings.	N/A	
	<b>Bi-Week</b>	None observed, no reports of sightings.	N/A	

**Additional Documentation  
 Comments:**

**Notes:**

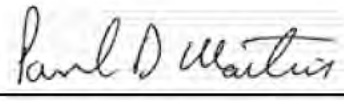
**Open Items from previous inspections:**

**Closed Items from previous inspections:**

**Next likely scheduled inspection:** 07/26/2018

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: 07/13/2018, Danbury: Map 05, Str1010, access road and timber mat pad. Work pad is within wetland W1. Photo taken facing northeast.



Photo 2: 07/13/2018, Danbury: Map 06, Str1013, slope stabilization (revegetation of disturbed area), drainage swale and temporary E&S controls (straw bale check dams) all appear to be in accordance with Eversource's BMP Manual. Photo taken facing north in the direction of Str1012.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
07/13/2018	Paul Cyr	8 of 9	Bethel to Brookfield	Interim Report #21	

# Photograph Log

## Southwest Connecticut Reliability Project

### Plumtree To Brookfield Junction



Photo 3: 07/13/2018, Bethel: Map 12, Str1022, access road to the structure area as well as the work pad is constructed with wood mats. Wetland W5 is abutting to the north. Photo taken facing east. All appears to be in accordance with Eversources's BMP Manual.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	<b>SWCT RELIABILITY PROJECT</b>
07/13/2018	Paul Cyr	9 of 9	Bethel to Brookfield	Interim Report #21	