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August 22, 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 #23, for the **August 9th** and **August 16th, 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 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: 08/09/2018

Inspector: Paul Cyr

Rain Event:

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

- 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

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

- Supreme has performed various restoration tasks in areas throughout the ROW since the last inspection performed on 08/02/18. Timber mat removal and initial restoration was observed at work pads Str1010 through Str1012 (Photos 1-4).
- Slope erosion observed at Str1023 (reported in Biweekly Report 21) is still present however there are no significant changes in conditions since the previous inspection on 08/02/18. As of this date, corrective actions are pending (see Page 6 for additional details).

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 08/16/2018

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

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

- Supreme has been off site this week but they are tentatively scheduled to return to the Site during the week of 8/20 through 8/24 to resume restoration/stabilization work. Counterpoise work between Str1000 to Str1003 is scheduled to occur on or the days following 8/27/18.
- Slope erosion previously reported at Str1023 is still present however, there are no significant changes in conditions since the initial reporting on 08/02/18. Corrective actions are pending at this time. There are no risks to wetlands or watercourse and no off ROW impacts of concern.

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
Access Roads and Adjacent Roadways	Interim Week	Clean and clear of excess sediments and/or debris. No tracking of sediments was observed. Access roads are in the process of being pulled back to meet the final measurements per the D&M Plan.	Continue to follow BMPs and D&M Plan for final restoration.	
	Bi-Week	Clean and clear of excess sediments and/or debris. No tracking of sediments was observed. Access roads are in the process of being pulled back to meet the final measurements per the D&M Plan	Continue to follow BMPs and D&M Plan for final restoration.	
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	All clearing is completed.	N/A	
	Bi-Week	All clearing is completed.	N/A	

Water Crossings	Interim Week	<p>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.</p> <p>Timber mats are in the process of being removed from Str1010, and were completely removed from Str1011 and Str1012 (see Photos 1-4).</p>	Continue to maintain and follow BMPs.	
	Bi-Week	<p>No progress changes to report. Conditions are the same as previous inspection at this time. Site restoration/stabilization is slated to resume next week.</p> <p>Timber mats are in the process of being removed from Str1010.</p>	Continue to maintain and follow BMPs.	

Erosion and Sedimentation Controls	Interim Week	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. E&S controls are maintained and functioning as designed.	Continue to maintain and follow BMPs. E&S will remain in place until disturbed ground is stabilized.	
	Bi-Week	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. E&S controls are maintained and functioning as designed.	Continue to maintain and follow BMPs. E&S will remain in place until disturbed ground is stabilized.	
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	<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 work pads and access roads are still in place between the Plumtree Substation and Str1006, and the timber mat access road and work pad are still in place at Str1008. Timber mats in these areas will be removed in the coming weeks following counterpoise (between Str1000 and Str1003) and other final restoration tasks (road construction/improvements at Str1008). Restoration/stabilization (if required) will be preformed following the removal of the mats.</p>	Continue to monitor wetland conditions and follow Project BMPs.	

<p>Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</p>	<p>Bi-Week</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 work pads and access roads are still in place between the Plumtree Substation and Str1006, and the timber mat access road and work pad are still in place at Str1008. Timber mats in these areas will be removed in the coming weeks following counterpoise (between Str1000 and Str1003).</p>	<p>N/A</p>	
<p>Spills and Material Storage</p>	<p>Interim-Week</p>	<p>None observed, none reported.</p>	<p>N/A</p>	
	<p>Bi-Week</p>	<p>None observed, none reported.</p>	<p>N/A</p>	

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

Additional Documentation

Comments:

Other than the slope erosion at Str1023, pending counterpoise activities between 1000-1003, timber mat removal and restoration at Str1000-1006, Str1008 and Str1010; the remaining areas of the project ROW have varying degrees of restoration/stabilization at this time.

Notes:

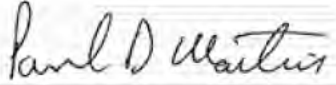
Open Items from previous inspections: Slope erosion (restoration/stabilization) repairs at Str1023 is pending at this time. Project management had discussions with the land owner with respect as to how the area should be finished, such as the final slope angle (grass mowing issues), overall size of pad, and removal of landscaping features (boulders). At the time of this inspection, there was no potential for off ROW or wetlands/watercourse impacts.

Closed Items from previous inspections:

Next likely scheduled inspection: 08/23/2018

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: 08/09/2018, Danbury: Map 5, Str1010, timber mat pad and access road removal, and initial restoration being performed. Photo taken facing northeast.



Photo 2: 08/09/2018, Danbury: Map 5, Str1010, timber mat pad and access road removal, and initial restoration being performed. Photo taken facing east.

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Photograph Log

Southwest Connecticut Reliability Project

Plumtree To Brookfield Junction



Photo 3: 08/09/2018, Danbury: Map 6, Str1011 and Str1012 (Str1012 shown in photo), timber mat pads and access road removed, and initial restoration performed. Photo taken facing northwest.



Photo 4: 08/09/2018, Danbury: Map 6, Str1011 and Str1012 (shown in photo), timber mat pads and access road removed, and initial restoration performed. Photo taken facing west.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	SWCT RELIABILITY PROJECT
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