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September 10, 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 #24, for the **August 23rd** and **August 30th, 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: 08/23/2018

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
- 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-Str1027

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

- Supreme on site setting up in the area of 1000-1006 to start timber mat removal and prep for counterpoise at 1000-1003. Supreme is going to remove mats along the north side of structures 1000-1003 first.
- No changes to report in areas 1007 through 1027. Erosion conditions at Str1023 still exist however physical conditions have remained the same, with no additional impacts to the surrounding area observed. Corrective actions are pending at this time.
- There are no photos associated with this inspection as there were no significant changes in conditions since the last inspection performed on 8/16/18.

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 08/30/2018

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
- 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-Str1027

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

- Supreme is on site setting up in the area of Str1000 - Str1004 to resume timber mat removal and continue restoration following the completion of counterpoise activities between Str1000 and Str1003. Counterpoise has been completed, the trench areas backfilled and ground surfaces restored (see Photos 1 & 2).
- Supreme has performed initial restoration in the areas between Str1004 - Str1027 with the exception of the above discussed areas, Str1010 (partial timber mat pad still in place, see Photo 3), and at Str1023. No erosion has been observed (other than at Str1023), and at this time the areas appear to be stable with adequate vegetation growth (see Photo 4, existing conditions at Str1012).
- The Flood Plain Compensation Area (Compensatory Floodplain Mitigation Area, Map Page 04) work is being scheduled at this time.

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 Str1000 through Str1006.</p>	Continue to maintain and follow BMPs.	
	Bi-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 have been removed from Str1004 through Str1006. Counterpoise has been completed between Str1000 to Str1003. Areas of ground disturbance have been graded to match surrounding elevations and covered with straw mulch to temporarily stabilize the areas (wetland areas that do not usually contain standing water).</p> <p>-At the time of this inspection, Supreme was observed setting up to pull the remaining timber mats from Str1000 to Str1003.</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>Counterpoise (between Str1000 and Str1003) is tentatively scheduled for the week of 8/27-8/31.</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>Counterpoise (between Str1000 and Str1003) has been completed and initial restoration has been performed.</p>	<p>Continue to monitor wetland conditions and follow Project BMPs.</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:

Notes:

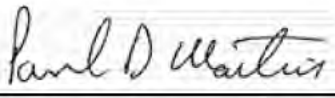
Open Items from previous inspections: Slope erosion (restoration/stabilization) repairs at Str1023 is pending at this time. Project management had discussions with the land owner with respect as to how the area should be finished, such as the final slope angle (grass mowing issues), overall size of pad, 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: 09/6/2018

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: 08/30/2018, Danbury: Map 2, the timber mat access road and structure work pads west of Str1003 through to Str1006 have been removed. Initial stabilization/restoration has been performed. Photo taken facing west, west of Str1003.



Photo 2: 08/30/2018, Danbury: Map 1, the timber mat work pad areas from Str1000 through to Str1003 have been removed and counterpoise completed. Initial stabilization/restoration has been performed. Photo taken facing west, west of Str1000.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	SWCT RELIABILITY PROJECT
08/30/2018	Paul Cyr	08 of 09	Bethel to Brookfield	Biweekly Report #24	

Photograph Log

Southwest Connecticut Reliability Project

Plumtree To Brookfield Junction



Photo 3: 08/30/2018, Danbury: Map 5, Str1010, partial timber mat pad and access road removal, and initial restoration being performed. Timber mats have been removed north and east of the structures. Photo taken facing northeast.



Photo 4: 08/30/2018, Danbury: Map 6, Str1012, stabilization in progress, natural regrowth of vegetation within wetland W1. Photo taken facing west from the gravel pull pad (to remain in place), west side of the north end of Old Sherman Turnpike.

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