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May 15, 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 #16, for the **May 4th**, and **May 10th, 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 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: 05/04/2018

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
- Bethel, Map 01-03, Str1000 through Str1006
- Danbury, Maps 04-05, Str1008 through Str1010
- Danbury, Map 06, Str1011 through Str1013
- Bethel, Map 07, Str1014 and Str1015
- Bethel, Map 08, Str1016
- Bethel, Map 09, Str1017

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

Michels was observed setting up to resume drilling a direct embed foundation at Str1014.

Inspection Photos-

- Michels working at Str1014 (Photo 1).
- Structures erected at Str1000-1006 (Photos 2 and 3).
- Structure assembled and staged at Str1007 (Photo 4).

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 5/10/2018

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
- 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)

Michels observed setting up to pull line through 1000-1004 (Photo 5). Project Inspectors performing turtle sweeps.

Inspection Photos-

- Structures erected at Str1000-1006, Michels set up to start pulling line through structures (Photo 5).

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 off ROW tracking of sediments was observed on public access roads.	N/A	
	Bi-Week	Clean and clear of excess sediments and/or debris. No off ROW tracking of sediments was observed on public access roads.	N/A	
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	Temporary soil stabilization BMPs are being implemented. Exposed ground surfaces are stabilized with straw mulch and E&S controls to reduce the potential of soil erosion during site activities.	N/A	
	Bi-Week	Temporary soil stabilization BMPs are being implemented. Exposed ground surfaces are stabilized with straw mulch and E&S controls to reduce the potential of soil erosion during site activities.	N/A	

Water Crossings	Interim Week	Water crossings are clear of excess sediments. No impacts to wetlands and/or watercourses was observed at the time of this inspection.	N/A	
	Bi-Week	Water crossings are clear of excess sediments. No impacts to wetlands and/or watercourses was observed at the time of this inspection.	N/A	

Erosion and Sedimentation Controls	Interim Week	E&S controls installed to date are maintained and functioning as designed.	N/A	
	Bi-Week	E&S controls installed to date are maintained and functioning as designed. No deficiencies and/or failures observed.	N/A	
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	No visible impacts to wetlands or watercourses were observed in any of the work areas inspected today.	N/A	

<p style="text-align: center;">Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</p>	<p>Bi-Week</p>	<p>No visible impacts to wetlands or watercourses were observed in any of the work areas inspected today. Foundation drill areas are clean of excess cuttings and/or debris.</p>	<p>N/A</p>	
	<p style="text-align: center;">Spills and Material Storage</p>	<p>Interim-Week</p>	<p>None observed, none reported. Spill prevention equipment is utilized and spill response kits are staged at all active work areas.</p>	<p>N/A</p>
<p>Bi-Week</p>		<p>None observed, none reported. Spill prevention equipment is utilized and spill response kits are staged at all active work areas.</p>	<p>N/A</p>	

Rare, Threatened, and Endangered Species	Interim Week	Turtle sweeps are performed daily prior to the start of work in designated areas.	N/A	
	Bi-Week	Turtle sweeps are performed daily prior to the start of work and through the day during working hours in designated areas.	N/A	

**Additional Documentation
 Comments:**

Fence line placed at the base of Str1009 slope (east slope) as added protection to wetland areas for potentially falling rock from foundation hole drilling (drilled shaft foundation).

Notes:


Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection: 5/17/2018

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: 05/04/2018, Bethel: Map 07, Michels drilling direct embed foundation at Str1014. Photo taken facing west toward Str1014 from Hearthstone Drive.



Photo 2: 05/04/2018, Bethel: Map 01, Str1000 through Str1003, weathered steel structures installed. Photo taken facing northwest from Str1000 toward Str1003 in the distance.

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Photograph Log

Southwest Connecticut Reliability Project

Plumtree To Brookfield Junction



Photo 3: 05/04/2018, Bethel: Map 02, Str1004 through Str1005, weathered steel structures installed. Photo taken facing west from Str1003 toward Str1005 in the distance.



Photo 4: 05/04/2018, Bethel: Map 03, weather steel structure assembled and ready for installation. All drill cuttings removed from the area, little to no ground impacts outside of the foundation area within Wetland W-1. Photo taken facing north toward Shelter Rock Road.

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Photograph Log

Southwest Connecticut Reliability Project

Plumtree To Brookfield Junction



Photo 5: Bethel: Map 01, Str1002 through Str1003, set up to start pulling line, Str1000 through Str1005. Photo taken facing northwest.

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