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May 2, 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 #15, for the **April 18th**, and **April 26th, 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: 04/18/2018

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 07, Str1014 and Str1015
- Bethel, Map 03, Str1007 and Wetland W1
- Danbury, Maps 04-05, Str1008 through Str1010

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

Supreme constructing access roads and work pads at Str1014 and Str1010. Michels is working through Str1005 and Str1006 drilling structure base holes and pouring concrete foundations.

Inspection Photos-

- Frac tank staged in the area of Str1005 for dewatering of structure foundation holes (Photo 1).
- Supreme resuming access road and work pad construction at Str1014 (Photo 2).

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 4/26/2018

Inspector: Paul Cyr

Rain Event:

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

- Danbury, Maps 04-05, Str1008 through Str1010
- Bethel, Map 07, Str1014 and Str1015
- Bethel, Map 01-03, Str1000 through Str1006
- Bethel, Map 03, Str1007 and Wetland W1
- Danbury, Map 06, Str1011 through Str1013
- Bethel, Map 07, Str1014 and Str1015
- 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 has finished civil work and is off site. Michels continues drilling and installing structure foundations. Michels was observed setting up to drill at Str1008 (See Photos 3 and 4).

Inspection Photos-

- Frac tank staged in the area of Str1008 for dewatering of structure foundation holes (Photo 3).
- Michels set up to drill at Str1008 (Photo 4).
- Slope and exposed soil stabilization west of Str1013 to Old Sherman Turnpike and access road to Str1012-Str1011 (Photos 5 and 6).
- Temporary matting for work pads and access roads at structures 1019 and 1020 (Photos 7 and 8).

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 (See Photos 5 and 6).	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. Additional E&S installed west of Str1013 at Old Sherman Turnpike and the entrance to the access road to Str1014. Surface water runoff from upland and the abutting property is impacting the ROW. Supreme has installed additional E&S controls to →	divert and control flow onto the ROW and to prevent impacts to Wetland W1 and an unnamed stream channel (Danbury, Map 05).	
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>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.</p>	<p>N/A</p>	
<p>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	A Spotted Turtle was observed at the entrance to Str1000-Str1006 on Saturday (4/14/2018). Appropriate notifications were made by the contractor and the turtle was relocated. 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 in designated areas. No Rare, Threatened, and Endangered Species encounters or sightings reported over the past week.	N/A	
Additional Documentation Comments:				
Notes:				
Open Items from previous inspections:				
Closed Items from previous inspections:				

Next likely scheduled inspection: 5/4/2018

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: 04/18/2018, Bethel: Map 02, Frac tank staged on the work/pull pad, north side of Str1005. Photo taken facing south towards Str1005.



Photo 2: 04/18/2018, Bethel: Map 07, access road and pad construction at Str1014. Photo taken facing west towards Str1014 from Hearthstone Drive.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	SWCT RELIABILITY PROJECT
04/18/2018	Paul Cyr	8 of 8	Bethel to Brookfield	Interim Report #15	

Photograph Log

Southwest Connecticut Reliability Project

Plumtree To Brookfield Junction



Photo 3: 04/26/2018, Danbury, Map 04, Frac tank and drilling equipment staged on the work pad, photo taken facing south toward Str1008.



Photo 4: 04/26/2018, Danbury, Map 04, drilling equipment staged on the work pad, photo taken at Str1008.

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Photograph Log

Southwest Connecticut Reliability Project

Plumtree To Brookfield Junction



Photo 5: 04/26/2018, Danbury, Map 06, slope and exposed soil stabilization and various E&S controls implemented west of Str1013 down to Old Sherman Turnpike and the access road to Str1012-Str1011, photo taken facing west from Str1013.



Photo 6: 04/26/2018, Danbury, Map 06, slope and exposed soil stabilization, new grass growth at the area shown in Photo 3.

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Southwest Connecticut Reliability Project

Plumtree To Brookfield Junction



Photo 7: 04/26/2018, Bethel, Map 10, temporary matting for work pad and access road at Str1020, photo taken facing north toward Str1020 from the property paved lot.



Photo 8: 04/26/2018, Bethel, Map 10, temporary matting for work pad and access road at Str1019, photo taken facing south toward Str1019 from the property paved lot.

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