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December 27, 2017

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 #6, for the **December 14th** and **December 21st, 2017** 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: 12/14/2017

Inspector: Paul Cyr

Rain Event:

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

- Brookfield, Map 13, Str1024, Str1025, Str1026, Str1027
- Bethel/Brookfield, Map 12, Str1023, Str1022, W5
- Bethel, Map 11, Str1021, WB-1, W4
- Bethel, Map 10, Str1020, Str1019
- Bethel, 29 Stony Hill Road, Project Laydown Yard
- Bethel, Map 9, Str1018, Str1017
- Bethel, Map 8, Str1016, Str1015, W3 and S5
- Brookfield, Stony Hill Substation, Str4647A, W7

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

Supreme was actively clearing vegetation and trees in the area of Str1021 (Bethel, Map 11), Str1017 (Bethel, Map 9), and Sky Edge Road up to wetland W3 (Bethel, Map 8). Limits of disturbance were flagged and no out of boundary clearing was observed. Trees were being chipped in the clearing area of Str1021 and transported out of the work areas via truck. Vegetation and tree removal was performed site wide throughout this week and areas inspected above appear to be completed or in the final stages of clearing.

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 12/21/2017

Inspector: Paul Cyr

Rain Event:

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

- Brookfield, Map 13, Str1024 to Str1027
- Bethel, Map 11, Str1021
- Bethel, Map 3, Str1007 and Temporary Wetland Impact Area (Pond Area & temp access road off Shelter Rock Rd.)
- Danbury/Bethel, Map 7, Str1014 to Str1015
- Bethel, Map 8, Str1016 and Wetland W-3 and S5
- Bethel, Map 9, Str1017

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

No active work was observed in the areas inspected. Supreme is on site performing vegetation and tree removal and stabilization of exposed areas.

Areas of Inspection		Observation:	Recommended Action/s:	Corrected Action/s:
Access Roads and Adjacent Roadways	Interim Week	Access roads appear to be in good condition. No tire rutting or rills observed. Snow covered (dusting to approximately 1") at the time of this inspection. No off ROW tracking of sediments was observed.	N/A	
	Bi-Week	Access roads appear to be in good condition. No tire rutting or rills observed. No off ROW tracking of sediments was observed.	N/A	
Vegetative Clearing Limits (Including trees to save or danger trees noted.	Interim Week	The limits of disturbance have been marked out with orange flagging in the areas of active vegetation and tree clearing. No out of bounds clearing was observed (see Photos 1 through 3).	N/A	
	Bi-Week	The limits of disturbance have been marked out with orange flagging in the areas of active vegetation and tree clearing. No out of bounds clearing was observed. Straw mulch will be placed over areas were exposed soils were observed.	N/A	

Water Crossings	Interim Week	<p>No water crossing was observed in the areas inspected.</p> <p>Vegetation and tree clearing was observed approaching wetland W3 (Bethel, Map 8) however not yet into the delineated wetland area (observed in Photo 2).</p>	N/A	
	Bi-Week	<p>No water crossings were observed in the areas inspected today. Work is scheduled to start in the Pond Area off of Shelter Rock Road (Temporary Impact Area), timber mats will be used to construct an access road to Str1007 (see Map 03 and attached Photos 7 & 8, 12/21/17).</p>	N/A	

Erosion and Sedimentation Controls	Interim Week	<p>E&S controls installed to date are according to the D&M plan and per Eversource's BMPs. Additional work area E&S controls are tentatively scheduled for installation starting January 2nd.</p> <p>Silt fence repairs needed at Str4647A (as reported in the Biweekly Report #5) were completed (See photos 5 and 6).</p>	N/A	Silt fence repairs completed at the Stony Hill Substation.
	Bi-Week	<p>Work area E&S controls are tentatively scheduled for installation starting January 2nd. Straw mulch will be placed over exposed soils in the areas of tree and vegetation clearing. Straw mulch was observed in the areas between Str1014 and Str1015 and between Sky Edge Lane and Wetland W3 (see Photos 9 & 10)</p>	BSC provided photo documentation of the placement of straw mulch on 12/22/17 (see attached BSC Group Photo log).	
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	<p>Wetland and watercourses areas are flagged and no encroachment or impacts were observed (see Photos 3 and 4).</p>	N/A	

<p style="text-align: center;">Inland Wetland and Watercourse encroachment and mitigation (Continued from previous page)</p>	<p>Bi-Week</p>	<p>Wetland and watercourses are flagged and no encroachment or impacts were observed in the areas inspected today.</p>	<p>N/A</p>	
	<p style="text-align: center;">Spills and Material Storage</p>	<p>Interim-Week</p>	<p>No spills observed, no spill reported. No hazardous or petroleum products observed on site.</p>	<p>N/A</p>
<p>Bi-Week</p>		<p>No spills observed, no spill reported. No hazardous or petroleum products observed on site.</p>	<p>N/A</p>	

Rare, Threatened, and Endangered Species	Interim Week	N/A	N/A	
	Bi-Week	None observed, no encounters or sightings reported.	N/A	

Additional Documentation Comments:

Notes:

Open Items from previous inspections:


Closed Items from previous inspections:

Silt fence repairs performed at the Stony Hill Substation (See Photos 5 and 6).

Next likely scheduled inspection: 12/28/2017

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 Substation to Stony Hill Substation



Photo 1: 12/14/2017, Bethel: Maps 8 and 9, clearing vegetation and trees between Sky Edge Lane and Str1017.



Photo 2: 12/14/2017, Bethel: Map 8, clearing vegetation and trees from Sky Edge Land to wetland W3.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	SWCT RELIABILITY PROJECT
12/14/2017	Paul Cyr	8 of 15	Bethel to Brookfield	Interim Report #06	

Photograph Log

Southwest Connecticut Reliability Project

Plumtree Substation to Stony Hill Substation



Photo 3: 12/14/2017, Bethel: Map 11, flagging at wetland W4 and vegetation and tree clearing at Str1021.



Photo 4: 12/14/2017, Bethel: 29 Stony Hill Road, wetland protection at the project laydown yard.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	SWCT RELIABILITY PROJECT
12/14/2017	Paul Cyr	9 of 15	Bethel to Brookfield	Interim Report #06	

Photograph Log

Southwest Connecticut Reliability Project

Plumtree Substation to Stony Hill Substation



Photo 5: 12/07/17, Biweekly Report #5, Brookfield, Exhibit 2B Vol 2 D&M Plan, Stony Hill Substation Expansion, Str4647A, and Wetland W7, northeast corner silt fence line, photo taken facing east, in need of repairs.



Photo 6: 12/14/17, CORRECTIVE ACTIONS: Brookfield, Exhibit 2B Vol 2 D&M Plan, Stony Hill Substation Expansion, Str4647A, and Wetland W7, northeast corner silt fence line, photo taken facing east, Repairs completed.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	SWCT RELIABILITY PROJECT
12/14/2017	Paul Cyr	10 of 15	Bethel to Brookfield	Interim Report #06	

Photograph Log

Southwest Connecticut Reliability Project

Plumtree Substation to Stony Hill Substation



Photo 7: 12/21/17, Bethel: Map 3, Pond Area off Shelter Rock Road, Temporary Wetland Impact Area.



Photo 8: 12/21/17, Bethel: Map 3, Pond Area off Shelter Rock Road, Temporary Wetland Impact Area, proposed access road to Str1007, timber mats to be used for construction of access road.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	SWCT RELIABILITY PROJECT
12/21/2017	Paul Cyr	11 of 15	Bethel to Brookfield	Biweekly Report #06	

Photograph Log

Southwest Connecticut Reliability Project

Plumtree Substation to Stony Hill Substation



Photo 3: 12/21/17, Bethel: Map 7, vegetation and tree clearing area between Str1014 and Str1013, mixture of wood chips and straw mulch placed for stabilization and coverage of exposed soils.



Photo 4: 12/21/17, Bethel: Map 8, vegetation and tree clearing area between Sky Edge Lane and Wetland W3, placement of straw mulch for stabilization and coverage of exposed soils.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	SWCT RELIABILITY PROJECT
12/21/2017	Paul Cyr	12 of 15	Bethel to Brookfield	Biweekly Report #06	



Photo #1: 12/22 – Between Park Ridge Road and Structure 1025 - Straw mulch applied over exposed soils post-tree clearing in the vicinity of Structure 1025. *Facing northeast.*



Photo #2: 12/22 – Between Chimney Driver and Wetland W3 by Structure 1016 - Straw mulch applied over exposed soils post-tree clearing. *Facing northeast.*



Photo #3: 12/22 – Between Park Ridge Road and Structure 1023 - Straw mulch applied over exposed soils post-tree clearing. Facing southwest towards Structure 1023.



Photo #4: 12/22 – Between Park Ridge Road and Structure 1023 - Alternate view of the location above. Facing north towards Park Ridge Road.



Photo #5: 12/22 – Between Hearthstone Drive and Structure 1015 - Straw mulch applied over exposed soils post-tree clearing.
Facing east.



Photo #6: 12/22 – Near Structure 1009 - < 3” wood chip mulch applied for stabilization over exposed soils post-tree clearing.
Facing South.