



124 Grove Street
Suite 215
Franklin, MA 02038

508.298.1500 PHONE
508.298.1501 FAX

www.TRCSolutions.com

January 8, 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 #7, for the **December 28th, 2017** and **January 4th, 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: 12/28/2017

Inspector: Paul Cyr

Rain Event:

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

- Bethel, Map 3, Str1007, W1 and Temporary Wetland Impact Area (Pond Area off Shelter Rock Rd)
- Danbury/Bethel, Map 7, Str1014 to Str1015
- Bethel, Map 8, Str1015, Str1016, and Wetland W-3
- Bethel, Map 9, Str1018, Str1017
- Bethel, Map 10, Str1020, Str1019
- Brookfield, Map 12, Str1022 to Str1023
- Brookfield, Map 13, Str1024

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

Supreme was off site this week between Christmas and the New Year's for the holidays. No active work observed.

ROW/SUBSTATIONS

Bi-Weekly Week Inspection:

Date: 01/04/2018

Inspector: Paul Cyr

Rain Event: Snow Event

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

Inspection canceled due to weather. See below comments and BSC Group Inspector Report attached.

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

Reported activities preceding the snow fall event and cancellation of the 3rd party inspection-
01/02/18: No measurable work. Mostly just crews maintaining equipment due to inactivity and cold weather
01/03/18: Civil is constructing work areas north of Park Ridge Road to Brookfield Junction. Tree clearing is operating at Plumtree substation and may get past the first few structures.

01/04/18: No Work due to weather. Scheduled inspection canceled by TRC, 3rd Party Inspector.

See attached BGS Group Inspector weekly Report to supplement this Biweekly Report to the CSC.

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 2") at the time of this inspection. No off ROW tracking of sediments was observed.	N/A	
	Bi-Week	No inspection performed due to weather.	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.	N/A	
	Bi-Week	No inspection performed due to weather.	N/A	

Water Crossings	Interim Week	No water crossing was observed in the areas inspected. Vegetation and tree clearing was completed at wetland W1, Pond Area (Bethel, Map 3) see Photo 1 and Photo 2.	N/A	
	Bi-Week	No inspection performed due to weather.	N/A	

Erosion and Sedimentation Controls	Interim Week	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.	N/A	
	Bi-Week	No inspection performed due to weather.	N/A	
Inland Wetland & Watercourse encroachment & mitigation	Interim Week	Wetland and watercourse areas are flagged. Clearing within W1 occurred, no out of bounds impacts observed. Timber mats will be used to access Str1007.	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 inspection performed due to weather.</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 inspection performed due to weather.</p>	<p>N/A</p>	

Rare, Threatened, and Endangered Species	Interim Week	N/A	N/A	
	Bi-Week	No inspection performed due to weather.	N/A	

Additional Documentation Comments:

Notes:


Open Items from previous inspections:

Closed Items from previous inspections:

Next likely scheduled inspection: 1/11/2018

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 Substation to Stony Hill Substation



Photo 1: 12/28/17, Bethel: Map 3, Str1007, Pond Area off Shelter Rock Road, Temporary Wetland Impact Area.



Photo 2: 12/28/17, Bethel: Map 3, Str1007, Pond Area off Shelter Rock Road, Temporary Wetland Impact Area.

Date:	Photographs Taken By:	Page No.	Town/s	Report/No.	SWCT RELIABILITY PROJECT
12/28/2017	Paul Cyr	8 of 8	Bethel to Brookfield	Interim Report #07	



Photo #1: 1/3 – Structure 1025 north of Park Ridge Road – Grading of workpad for Structure 1025. *Facing northeast.*



Photo #2: 1/3 – Between Plumtree Substation driveway and Plumtree Substation yard – Access route between the driveway and substation is cleared of trees. Uplands graded to a level surface and wetland crossing matted for tree clearing access. *Facing southeast.*



Photo #3: 1/3 – Near Structure 1003 west of Plumtree Substation – Temporary tree clearing access. Cleared brush and timber is temporarily staged within the permitted matted workpad footprints within Wetland W1. Staked locations of the limits of clearing were flagged with orange glow flagging prior the start of tree clearing in this area. *Facing southeast.*



Photo #4: 1/3 – Near Structure 1003 west of Plumtree Substation – Alternate view of the location shown in Photo #3. *Facing west.*