

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Norwalk Substation**

**Date:** October 18, 2006

**Inspector:** Lee Curtis, Susan Infalt, BSC Group

**Location:** Norwalk Substation Expansion

**Storm/**

**Rain Event:** Reports range from 0.70-1.34" of rain recorded since the previous inspection, depending on location. (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	- The catch basin near the Route 7 ramp receives a lot of off-site stormwater-sedimentation of roadway sand is occurring here. 12/22-10/18/06.	-The area should no longer be affected by any onsite sediment. The silt fence could be removed. 12/1-10/18/06.	-Not Applicable (N/A)
Foundation construction	-No construction activity was noted in the substation. 10/18/06.	- None at this time. Little to no soil disturbing work is occurring. 5/17-10/18/06.	-N/A
Erosion and Sediment Controls	- Erosion does not appear to be increasing on the slope of the river near the structure. 6/28-10/18/06  -All areas in the substation yard are stabilized with pavement, landscaping, or stone. 10/18/06	- Continue to monitor and attempt to make the area more natural/ vegetated if feasible. 5/25-10/18/06.  -None 10/18/06	-N/A  -NA
Inland Wetland and Watercourse encroachment and mitigation	- Repaired stone fill at the turning structure appears to be piled noticeably higher than adjacent grades. 9/13-10/18/06	- Ensure that appropriate grades are met. 10/18/06.	- Needs evaluation
Vegetative clearing limits (including trees)	-Storm water runoff from the paved bike path was washing out the seed and	- Continue to monitor and consider alternative stabilization measures if	-Some grass growth was noted.

Areas of Inspection	Observation	Recommended Action	Corrected Action
to save or danger trees noted)	mulch from portions of the area restored by overhead crews. 10/4-10/18/06.	grass growth does not increase. 9/29-10/18/06.	
Dewatering	-Construction dewatering should no longer be occurring on site. 10/18/06.	-None at this time. 10/18/06.	-N/A.
Blasting	- Not applicable	- None at this time.	-N/A
Spills and Material Storage	-Construction equipment storage on site is minor. 10/18/06.	In general: - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. - Report spills to the office immediately, even if they are being controlled.	-N/A
Additional Observations	-This site may be able to be removed from the inspection route in the near future. 10/18/06		

### Plumtree Substation

**Date:** October 18, 2006

**Inspector:** Lee Curtis, Susan Infalt, BSC Group

**Location:** Plumtree Substation Expansion, Bethel

**Storm/**

**Rain Event:** Reports range from 0.70-1.34" of rain recorded since the previous inspection, depending on location. (NOAA)

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads	-The drive is in use for equipment entering the substation for several active projects. 10/18/06.	- None at this time. 10/18/06.	-N/A.

Areas of Inspection	Observation	Recommended Action	Corrected Action
Foundation construction	- Foundation excavation within the southern portion of the substation was noted, but is not under jurisdiction of this project. 10/18/06.	-N/A. 10/18/06.	-Non-jurisdictional.
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	- The site has been graded on an even level to the perimeter stone berm towards the north of the site. 7/19-10/18/06  -At least one stockpile and some materials remain on site from previous B/N work. 9/20-10/18/06.	- The berm must remain maintained as sediment control. It may need to be built up with stone in order to filter effectively. 7/19-10/18/06.  -Continue to monitor. 9/20-10/18/06.	- Needs evaluation  -N/A at this time.
Inland Wetland and Watercourse encroachment and mitigation	- Wetlands are located around the outskirts of the substation yard. 10/18/06	- Maintain perimeter berm. Vegetation adjacent to the yard is thick and helps filter run-off. 10/18/06.	N/A.
State species of concern, threatened and endangered species	- The wood turtle was seen along the outside perimeter of the station the week of 5/25/06.	- Continue to watch carefully for the turtle. 5/25-10/18/06.	-Crews should remain aware during work.
Vegetative clearing limits (including trees to save or danger trees noted)	-None with exception for access for a separate project 10/18/06	-None 10/18/06	-N/A
Dewatering	- Active dewatering was not observed at the inspection. 10/18/06.	- If necessary, control without letting unfiltered water off-site. 10/18/06	-N/A
Blasting	- No blasting is occurring on site at this time.	- None at this time.	-N/A
Spills and Material Storage	- Construction equipment storage on site is minor. Some storage boxes remain 10/18/06.	- Keep all vehicles maintained well (i.e. no apparent fluid leaks)	-N/A

**Next likely scheduled inspection:**

Wednesday, October 25, 2006

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.

**Inspector's Signature:** Diana Walden for Lee Curtis, Susan Infalt, BSC Group



(Norwalk Substation): Photo shows a view of the substation yard. No active work was occurring here this week. 10/18/06



(Plumtree Substation): Photo shows a view of the substation yard. Stockpiles remain from the excavation occurring in the southern portion of the substation yard. This is not project jurisdictional. 10/18/06.