

**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:** April 19, 2006

**Inspector:** Don Ukers

**Location:** Norwalk Substation Expansion

**Storm/**

**Rain Event:** Approximately 0.28" of precipitation was recorded on 4/13 as reported by 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. 12/22-4/19/06.	-The area should no longer be affected by any onsite sediment.. The silt fence could be removed. 12/1-4/19/06.	-N/A.
Foundation construction	- All current work is either testing or within existing structures. 4/19/06.	- None at this time. Work does not involve soil movement. 4/19/06.	-N/A.
Erosion and Sediment Controls	- Sediment accumulation continues in the stone onsite at one of the access gates. This is a result of offsite stormwater and roadway sand 1/4-4/19/06.	- Monitor stormwater flow and drainage patterns when possible. Watch for any erosive flows off site. This is not a result of any work related issues. 1/4-4/19/06.	-N/A
Inland Wetland and Watercourse encroachment and mitigation	- The overflow channel and natural overflow area were not flowing at the time of inspection. 4/6-4/19/06. - The minor erosion noted along the top of slope at the overflow channels does not appear to be worsening.4/12-4/19/06.	- Vegetation within the channel is growing well.  - None at this time but consider re-vegetating if necessary. 4/19/06.	-N/A  -N/A until evaluated during the growing season.

Areas of Inspection	Observation	Recommended Action	Corrected Action
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A	-N/A.
Vegetative clearing limits (including trees to save or danger trees noted)	-Clearing was noted between the substation, ROW and river as a result of the overhead work. 4/19/06.	- Not jurisdictional to the substation work. 4/19/06.	-N/A.
Dewatering	-Dewatering was not observed during this inspection. 4/19/06.	-None at this time. 4/19/06.	-N/A.
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.	-N/A
Spills and Material Storage	- Most heavy equipment is removed from the site as well as most materials. 4/19/06.	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			

**Plumtree Substation**

**Date:** April 19, 2006

**Inspector:** Don Ukers

**Location:** Plumtree Substation Expansion, Bethel

**Storm/  
Rain Event:** Approximately 0.28" of precipitation was recorded on 4/13 as reported by NOAA

Areas of Inspection	Observation	Recommended Action	Corrected Action
---------------------	-------------	--------------------	------------------

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads	- Work has returned to the substation so the drive is again in use for this equipment. 3/15-4/19/06.	- None at this time. 4/19/06.	-N/A.
Foundation construction	-Work continues within the substation yard with some foundation work. Drilling equip. was being removed. 4/19/06.  -Active XLPE trenchwork is occurring in the yard. 4/19/06	- Remain aware of the perimeter of the yard and the workspace and the fact the area is surrounded by wetlands. See erosion control section. 3/15-4/19/06.  -See XLPE report.	-N/A at this time.  -N/A
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	-The majority of the stockpiles remain on site with haybales placed at the base. 4/19/06.  - The dewatering basin was removed and the area regraded but the site remains muddy. 4/19/06.  -Continue to watch the edge of the yard for further erosion control needs. 4/19/06	-Continue to monitor that the controls are effective. Extend haybales if necessary. 3/31/06-4/19/06.  -Continue to monitor the area. 4/19/06.  - None at this time. 4/19/06	- N/A at this time.  -N/A at this time  -N/A at this time
Inland Wetland and Watercourse encroachment and mitigation	- Wetlands are located around the outskirts of the substation yard.	-Continue to monitor them. Ensure that sediment does not leave the yard 4/19/06.	N/A.
State species of concern, threatened and endangered species	- Crews on site at this time will have to remain aware of the fact the weather is warming and the wood turtle could return to the site in the spring. 3/15-4/19/06	- Move machinery carefully and perform daily walkdowns of the site each morning now that the weather is warmer. 4/6-4/19/06.	-Daily walkdowns should be occurring at this point.
Vegetative clearing limits (including trees to save or danger trees noted)	- No vegetation outside of the substation yard will need to be cleared during the expansion work.	- N/A	-N/A
Dewatering	- Drilling is no longer occurring but any	- Sediment is building up in the stone yard but is	

Areas of Inspection	Observation	Recommended Action	Corrected Action
	dewatering is sent to the stone yard. 4/19/06.	contained. Clean and/or remove excess sediment when completed. 3/31-4/19/06.	
Blasting	- No blasting is occurring on site at this time.	- None at this time.	-N/A
Spills and Material Storage	- No spills or leaks were noted. Now that machinery has returned, continue to monitor. 4/19/06	- The contractors should remain vigilant about securing and handling fuel containers. - Keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis. - Report spills to the office immediately, even if they are being controlled.	-N/A
Additional Observations			

**Next likely scheduled inspection:** Thursday, April 26, 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 Don Ukers



Norwalk Substation: Photo on the left shows a view of the overflow channel. The channel had no flow as the Norwalk River levels appear low. Photo on the right shows a general view of the bays adjacent to the GIS building. 4/19/06.



Plumtree Substation: Photo on the left shows work continuing within the substation yard on foundations and excavations. Photo on the right shows the rear of the substation yard. Standing water from dewatering efforts remain contained on site at this time. 4/19/06.