

**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.

**Date:** January 26, 2005

**Inspector:** Don Ukers

**Location:** 345kV XLPE Component

**Storm/**

**Rain Event:** Approximately 0.79” of mixed precipitation (in the form of snow and rain) fell on 1/23 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Access Roads and Adjacent Roadways	<p>-The preparation for a jack and bore of East Swamp Brook located at the intersection of Plumtrees Rd. Walnut Hill Rd. and Whittlesey Dr. continues. 11/23-1/26/06.</p> <p>- A pad has been constructed off Whittlesey and Plumtrees Rd. for the bore pit and the receiving pit is being constructed at a pull-off adjacent to Walnut Hill Rd. 1/26/06</p> <p>-Clearing is occurring immediately off Rt. 58 in preparation for trenching from Hoyts Hill transition station. 1/26/06</p>	<p>- Adjacent catch basins were placed with controls as recommended. 1/26/06.</p> <p>-Monitor any tracking issues to the roadways. 1/26/06</p> <p>- Access into this area will be determined. 1/26/06</p>
Trench and foundation construction	<p>- The bore pit excavation and sheet piling/shoring is still present and installation of sheet piling/shoring has also begun on the opposite side of the intersection. 1/26/06</p>	<p>- Some sediment issues remain, stemming mostly from the stockpile. 1/19-1/26/06.</p> <p>- See erosion control section for recommendations here. 1/26/06</p>
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<p>-The plastic covering slipped off the stockpile on site due to the previous heavy rains. Sedimentation was noted over the downed silt fence here and</p>	<p>- Repair and toe in the silt fence if feasible. If not, install haybales. Repair the plastic covering and secure it to reduce runoff. 1/19-1/26/06</p>

Areas of Inspection	Observation	Recommended Action
	<p>it had entered the street to some degree. 1/19-1/26/06</p> <p>-Fabric was placed in the adjacent catch basin in the roadway to prevent sedimentation as recommended. 1/26/06</p> <p>- The silt fence adjacent to the river still appears to be well in place but run-off from a storm pipe has created a small gap. 1/4-1/26/06</p> <p>-Silt fence was installed on the receiving side as recommended. 1/26/06</p>	<p>- None at this time. 1/26/06</p> <p>- Place a haybale here if feasible in order to provide some filtration. 1/12-1/26/06</p> <p>-Continue to monitor and maintain and extend to provide further coverage if necessary. 1/26/06</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>-East Swamp Brook crosses under Plumtrees Rd. and is located to the east of the pad. The stream was clear at this time. 1/26/06</p> <p>- Vegetative clearing was occurring in the wetland adjacent to Hoyts Hill. 1/26/06</p>	<p>- None at this time.1/26/06</p>
<p>State species of concern, threatened and endangered species</p>	<p>-The D&amp;M plan and clearance letter states that state-listed species are not located in this work area.</p>	<p>- N/A</p>
<p>Vegetative clearing limits (including trees to save or danger trees noted)</p>	<p>-Some herbaceous and low woody vegetative cover was removed in order to construct the pad. 11/23-1/26/06</p> <p>- Some brush and branches were removed but major clearing was not needed for the receiving side at this time due to the pull-off with low vegetative growth. 1/19-1/26/06</p> <p>-Some clearing has occurred at the Hoyts Hill transition station where the XLPE will be connecting. Several trees remain to be cleared. 1/26/06</p>	<p>- Clearing was limited to what is necessary and it will continue to be monitored. 1/26/06</p> <p>- The majority of this area is wetland and erosion controls will be needed prior to soil disturbance. Access will also have to be addressed. 1/26/06</p>

Areas of Inspection	Observation	Recommended Action
Dewatering	-Dewatering was not observed at this time. 1/26/06.	-None at this time. 1/26/06.
Blasting	- No blasting is occurring at this work area.	- None at this time.
Spills and Material Storage	<p>-No additional marks were noted. 1/26/06.</p> <p>- Equipment was in place at the receiving pit immediately adjacent to the stream. Equipment should be stored overnight up to 100ft or as far from resource areas where practicable. 1/19-1/26/06</p>	<p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.</p> <p>- The contractors should remain vigilant about securing and handling fuel and all other material containers due to the sensitivity of the area.</p> <p>- Report spills immediately, even if they are being controlled.</p> <p>- Any fuels and agents not in use should be covered and stored before leaving for the day.</p>

**Next likely scheduled inspection:**

Thursday, February 2, 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*



345kV XLPE (Jack and Bore): Photo on the left shows a view of the site with sheet piling. Photo on the right shows the stockpile which needs to be recovered or better controls placed at the base. 1/26/06



Photo shows the beginning of the work at the receiving side of the stream. Some silt fence had been installed as recommended but continue to maintain as necessary. 1/26/06